

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN093022\
 Data File : VN074685.D
 Acq On : 01 Oct 2022 03:11
 Operator : JC\MD
 Sample : VN0930WBSD02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0930WBSD02

Manual Integrations
 APPROVED

Reviewed By : John Carlone 10/03/2022
 Supervised By : Mahesh Dadoda 10/05/2022

Quant Time: Oct 03 02:10:32 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N092922W.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 30 07:44:59 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.933	168	314524	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.828	114	567091	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.616	117	606296	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.551	152	346234	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.292	65	398747	50.585	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 101.180%			
35) Dibromofluoromethane	7.863	113	314371	52.374	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 104.740%			
50) Toluene-d8	10.310	98	1279291	50.669	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 101.340%			
62) 4-Bromofluorobenzene	12.604	95	369870	46.200	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 92.400%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.999	85	132904	20.184	ug/l	96
3) Chloromethane	2.216	50	202868	21.060	ug/l	95
4) Vinyl Chloride	2.351	62	315424	22.550	ug/l	96
5) Bromomethane	2.734	94	231894	24.000	ug/l	95
6) Chloroethane	2.893	64	212243	19.746	ug/l	97
7) Trichlorofluoromethane	3.240	101	183829	18.902	ug/l	98
8) Diethyl Ether	3.675	74	84923	20.239	ug/l	85
9) 1,1,2-Trichlorotrifluo...	4.045	101	108625	18.743	ug/l	89
10) Methyl Iodide	4.257	142	134071	19.468	ug/l #	89
11) Tert butyl alcohol	5.181	59	219569	104.300	ug/l #	83
12) 1,1-Dichloroethene	4.028	96	102262	17.408	ug/l	96
13) Acrolein	3.893	56	75725	86.084	ug/l	97
14) Allyl chloride	4.651	41	230243	18.146	ug/l	94
15) Acrylonitrile	5.363	53	502917	101.243	ug/l	98
16) Acetone	4.128	43	424694	109.568	ug/l	91
17) Carbon Disulfide	4.357	76	305501	17.820	ug/l	99
18) Methyl Acetate	4.669	43	296779	20.378	ug/l #	88
19) Methyl tert-butyl Ether	5.422	73	416966	18.598	ug/l	96
20) Methylene Chloride	4.904	84	137710	19.455	ug/l #	81
21) trans-1,2-Dichloroethene	5.398	96	112237	17.490	ug/l	94
22) Diisopropyl ether	6.310	45	492704	19.088	ug/l #	90
23) Vinyl Acetate	6.245	43	2154670	94.973	ug/l #	90
24) 1,1-Dichloroethane	6.198	63	251105	19.064	ug/l	96
25) 2-Butanone	7.163	43	733234	101.058	ug/l #	87
26) 2,2-Dichloropropane	7.151	77	158235	14.126	ug/l	99
27) cis-1,2-Dichloroethene	7.157	96	142265	18.124	ug/l	95
28) Bromochloromethane	7.492	49	127145	21.193	ug/l #	71
29) Tetrahydrofuran	7.516	42	497045	103.825	ug/l #	85
30) Chloroform	7.657	83	238188	19.622	ug/l	99
31) Cyclohexane	7.933	56	232118	18.125	ug/l	97
32) 1,1,1-Trichloroethane	7.857	97	200011	18.776	ug/l	97
36) 1,1-Dichloropropene	8.063	75	175708	18.279	ug/l	94
37) Ethyl Acetate	7.239	43	296915	20.905	ug/l #	94
38) Carbon Tetrachloride	8.051	117	173469	19.697	ug/l	96
39) Methylcyclohexane	9.322	83	214881	17.905	ug/l	96
40) Benzene	8.304	78	560731	18.925	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN093022\
 Data File : VN074685.D
 Acq On : 01 Oct 2022 03:11
 Operator : JC\MD
 Sample : VN0930WBSD02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 30 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0930WBSD02

Manual Integrations
 APPROVED

Reviewed By : John Carlone 10/03/2022
 Supervised By : Mahesh Dadoda 10/05/2022

Quant Time: Oct 03 02:10:32 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N092922W.M
 Quant Title : SW846 8260
 QLast Update : Fri Sep 30 07:44:59 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.469	41	126007	20.253	ug/l #	88
42) 1,2-Dichloroethane	8.386	62	189837	19.072	ug/l	96
43) Isopropyl Acetate	8.416	43	440871	19.385	ug/l #	90
44) Trichloroethene	9.080	130	117932	19.105	ug/l	92
45) 1,2-Dichloropropane	9.351	63	154267	19.126	ug/l	96
46) Dibromomethane	9.439	93	96895	19.059	ug/l #	83
47) Bromodichloromethane	9.627	83	189101	19.032	ug/l	97
48) Methyl methacrylate	9.428	41	182589	19.482	ug/l	92
49) 1,4-Dioxane	9.433	88	71842	401.869	ug/l #	91
51) 4-Methyl-2-Pentanone	10.204	43	1468211	102.021	ug/l	89
52) Toluene	10.374	92	344619	19.263	ug/l	100
53) t-1,3-Dichloropropene	10.592	75	201769	17.914	ug/l	96
54) cis-1,3-Dichloropropene	10.063	75	221277	17.832	ug/l #	87
55) 1,1,2-Trichloroethane	10.774	97	132634	18.397	ug/l #	93
56) Ethyl methacrylate	10.639	69	245791	19.763	ug/l #	83
57) 1,3-Dichloropropane	10.922	76	247421	19.391	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.916	63	469093	92.385	ug/l	91
59) 2-Hexanone	10.963	43	1133832	104.251	ug/l	87
60) Dibromochloromethane	11.116	129	137729	19.857	ug/l	99
61) 1,2-Dibromoethane	11.222	107	140853	19.937	ug/l	99
64) Tetrachloroethene	10.845	164	88433	17.252	ug/l	96
65) Chlorobenzene	11.645	112	342204	18.864	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.716	131	125527	19.395	ug/l	98
67) Ethyl Benzene	11.721	91	642979	18.943	ug/l	98
68) m/p-Xylenes	11.827	106	479688	37.321	ug/l	99
69) o-Xylene	12.157	106	245714	19.019	ug/l	98
70) Styrene	12.168	104	389243	18.891	ug/l	98
71) Bromoform	12.333	173	93443	18.006	ug/l #	96
73) Isopropylbenzene	12.457	105	628324	19.372	ug/l	96
74) N-amyl acetate	12.268	43	370943	20.748	ug/l #	87
75) 1,1,2,2-Tetrachloroethane	12.704	83	240406	21.816	ug/l	99
76) 1,2,3-Trichloropropane	12.757	75	174410m	21.000	ug/l	
77) Bromobenzene	12.733	156	134427	21.592	ug/l	86
78) n-propylbenzene	12.798	91	705474	18.857	ug/l	95
79) 2-Chlorotoluene	12.880	91	419309	18.651	ug/l	98
80) 1,3,5-Trimethylbenzene	12.939	105	507714	19.617	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.504	75	68325	16.491	ug/l	98
82) 4-Chlorotoluene	12.980	91	406990	19.453	ug/l	95
83) tert-Butylbenzene	13.198	119	437573	18.930	ug/l	97
84) 1,2,4-Trimethylbenzene	13.245	105	501922	19.419	ug/l	98
85) sec-Butylbenzene	13.380	105	610922	18.808	ug/l	95
86) p-Isopropyltoluene	13.492	119	481531	18.712	ug/l	98
87) 1,3-Dichlorobenzene	13.492	146	237126	18.808	ug/l	98
88) 1,4-Dichlorobenzene	13.568	146	237966	18.468	ug/l	96
89) n-Butylbenzene	13.821	91	419109	18.460	ug/l	94
90) Hexachloroethane	14.086	117	97523	17.612	ug/l	85
91) 1,2-Dichlorobenzene	13.863	146	250623	19.049	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.480	75	47225	18.993	ug/l	88
93) 1,2,4-Trichlorobenzene	15.133	180	106082	18.048	ug/l	95
94) Hexachlorobutadiene	15.227	225	51907	20.517	ug/l	98
95) Naphthalene	15.362	128	451263	19.622	ug/l	99
96) 1,2,3-Trichlorobenzene	15.551	180	111411	19.040	ug/l	94

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN093022\
Data File : VN074685.D
Acq On : 01 Oct 2022 03:11
Operator : JC\MD
Sample : VN0930WBSD02
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 30 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0930WBSD02

Manual Integrations
APPROVED

Reviewed By :John Carlone 10/03/2022
Supervised By :Mahesh Dadoda 10/05/2022

Quant Time: Oct 03 02:10:32 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N092922W.M
Quant Title : SW846 8260
QLast Update : Fri Sep 30 07:44:59 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
----------	------	------	----------	------	-------	----------

(#) = qualifier out of range (m) = manual integration (+) = signals summed

