

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN040722\
 Data File : VN071899.D
 Acq On : 07 Apr 2022 13:02
 Operator : JC\MD
 Sample : VN0407WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0407WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 04/08/2022
 Supervised By : Mahesh Dadoda 04/08/2022

Quant Time: Apr 08 01:13:05 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N033022W.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 31 01:57:54 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.080	168	468562	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	724522	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	657250	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.668	152	252468	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.433	65	284806	53.243	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 106.480%			
35) Dibromofluoromethane	8.016	113	246098	57.723	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 115.440%			
50) Toluene-d8	10.439	98	977110	56.025	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 112.060%			
62) 4-Bromofluorobenzene	12.727	95	311663	55.254	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 110.500%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	2.069	85	59390	15.943	ug/l	95
3) Chloromethane	2.299	50	70423	14.919	ug/l	93
4) Vinyl Chloride	2.446	62	78038	15.054	ug/l	98
5) Bromomethane	2.846	94	56414	16.741	ug/l	96
6) Chloroethane	3.016	64	56876m	15.252	ug/l	
7) Trichlorofluoromethane	3.375	101	112873	17.114	ug/l	99
8) Diethyl Ether	3.822	74	53021	19.023	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.216	101	73584	18.105	ug/l	98
10) Methyl Iodide	4.422	142	93355	16.432	ug/l	99
11) Tert butyl alcohol	5.369	59	80948	93.249	ug/l	99
12) 1,1-Dichloroethene	4.181	96	67225	17.382	ug/l	92
13) Acrolein	4.040	56	75233	71.078	ug/l	98
14) Allyl chloride	4.845	41	107560	17.135	ug/l	93
15) Acrylonitrile	5.545	53	257818	102.178	ug/l	98
16) Acetone	4.281	43	188056	82.262	ug/l	99
17) Carbon Disulfide	4.534	76	127334	14.349	ug/l	99
18) Methyl Acetate	4.857	43	110265	18.525	ug/l	99
19) Methyl tert-butyl Ether	5.616	73	277235	19.295	ug/l	97
20) Methylene Chloride	5.098	84	90660	18.815	ug/l	98
21) trans-1,2-Dichloroethene	5.604	96	74146	17.464	ug/l	94
22) Diisopropyl ether	6.492	45	261595	19.142	ug/l	98
23) Vinyl Acetate	6.428	43	1062393	97.761	ug/l	100
24) 1,1-Dichloroethane	6.386	63	148884	18.558	ug/l	98
25) 2-Butanone	7.333	43	304219	92.310	ug/l	98
26) 2,2-Dichloropropane	7.322	77	119169	17.291	ug/l	99
27) cis-1,2-Dichloroethene	7.322	96	97533	18.733	ug/l	96
28) Bromochloromethane	7.657	49	61838	19.108	ug/l	94
29) Tetrahydrofuran	7.681	42	207872	97.412	ug/l	98
30) Chloroform	7.810	83	158614	18.724	ug/l	99
31) Cyclohexane	8.092	56	119396	16.413	ug/l	95
32) 1,1,1-Trichloroethane	8.010	97	129344	17.848	ug/l	97
36) 1,1-Dichloropropene	8.222	75	101492	17.047	ug/l	99
37) Ethyl Acetate	7.410	43	124076	19.040	ug/l	96
38) Carbon Tetrachloride	8.204	117	106324	18.222	ug/l	99
39) Methylcyclohexane	9.457	83	120258	16.969	ug/l	97
40) Benzene	8.457	78	348593	18.535	ug/l	97

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN040722\
 Data File : VN071899.D
 Acq On : 07 Apr 2022 13:02
 Operator : JC\MD
 Sample : VN0407WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0407WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 04/08/2022
 Supervised By : Mahesh Dadoda 04/08/2022

Quant Time: Apr 08 01:13:05 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N033022W.M
 Quant Title : SW846 8260
 QLast Update : Thu Mar 31 01:57:54 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.628	41	63989	20.055	ug/l	94
42) 1,2-Dichloroethane	8.528	62	117012	17.985	ug/l	96
43) Isopropyl Acetate	8.557	43	204746	18.890	ug/l	99
44) Trichloroethene	9.210	130	89695	18.512	ug/l	98
45) 1,2-Dichloropropane	9.486	63	91828	19.544	ug/l	99
46) Dibromomethane	9.575	93	62563	19.612	ug/l	97
47) Bromodichloromethane	9.757	83	123538	19.673	ug/l	97
48) Methyl methacrylate	9.557	41	82008	18.237	ug/l	91
49) 1,4-Dioxane	9.563	88	42039	385.568	ug/l	99
51) 4-Methyl-2-Pentanone	10.327	43	626731	100.570	ug/l	97
52) Toluene	10.498	92	229115	19.272	ug/l	100
53) t-1,3-Dichloropropene	10.716	75	128477	19.521	ug/l	96
54) cis-1,3-Dichloropropene	10.186	75	140318	19.296	ug/l	94
55) 1,1,2-Trichloroethane	10.892	97	100746	20.590	ug/l	98
56) Ethyl methacrylate	10.757	69	140740	20.163	ug/l	93
57) 1,3-Dichloropropane	11.039	76	165339	20.211	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.039	63	184593	97.038	ug/l	99
59) 2-Hexanone	11.080	43	438940	100.043	ug/l	96
60) Dibromochloromethane	11.233	129	101785	21.335	ug/l	99
61) 1,2-Dibromoethane	11.345	107	97892	20.325	ug/l	100
64) Tetrachloroethene	10.974	164	80750	18.606	ug/l	90
65) Chlorobenzene	11.768	112	251671	19.123	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.839	131	94751	19.952	ug/l	99
67) Ethyl Benzene	11.839	91	417956	18.760	ug/l	98
68) m/p-Xylenes	11.951	106	322400	37.663	ug/l	100
69) o-Xylene	12.274	106	161500	19.008	ug/l	99
70) Styrene	12.292	104	255259	19.828	ug/l	100
71) Bromoform	12.451	173	75178	20.788	ug/l #	100
73) Isopropylbenzene	12.574	105	411336	19.334	ug/l	100
74) N-amyl acetate	12.386	43	117403	19.260	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.821	83	148475	20.916	ug/l	100
76) 1,2,3-Trichloropropane	12.874	75	110770m	18.940	ug/l	
77) Bromobenzene	12.857	156	101519	19.035	ug/l	99
78) n-propylbenzene	12.915	91	426447	19.056	ug/l	99
79) 2-Chlorotoluene	13.004	91	276403	19.259	ug/l	99
80) 1,3,5-Trimethylbenzene	13.057	105	334702	19.856	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.621	75	35278	18.693	ug/l	98
82) 4-Chlorotoluene	13.098	91	250702	18.845	ug/l	99
83) tert-Butylbenzene	13.321	119	297023	19.277	ug/l	99
84) 1,2,4-Trimethylbenzene	13.363	105	325431	19.787	ug/l	99
85) sec-Butylbenzene	13.498	105	391098	19.580	ug/l	100
86) p-Isopropyltoluene	13.610	119	309628	19.441	ug/l	99
87) 1,3-Dichlorobenzene	13.610	146	165008	19.420	ug/l	98
88) 1,4-Dichlorobenzene	13.692	146	155049	18.705	ug/l	96
89) n-Butylbenzene	13.939	91	210429	17.814	ug/l	100
90) Hexachloroethane	14.204	117	58724	20.143	ug/l	95
91) 1,2-Dichlorobenzene	13.986	146	164166	19.681	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.604	75	23115	20.994	ug/l	99
93) 1,2,4-Trichlorobenzene	15.262	180	68763	18.486	ug/l	98
94) Hexachlorobutadiene	15.362	225	48022	19.520	ug/l	95
95) Naphthalene	15.504	128	176711	18.004	ug/l	100
96) 1,2,3-Trichlorobenzene	15.698	180	70422	19.633	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN040722\
Data File : VN071899.D
Acq On : 07 Apr 2022 13:02
Operator : JC\MD
Sample : VN0407WBSD01
Misc : 5.0mL/MSVOA_N/WATER
ALS Vial : 6 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0407WBSD01

Manual Integrations
APPROVED

Reviewed By :John Carlone 04/08/2022
Supervised By :Mahesh Dadoda 04/08/2022

Quant Time: Apr 08 01:13:05 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N033022W.M
Quant Title : SW846 8260
QLast Update : Thu Mar 31 01:57:54 2022
Response via : Initial Calibration

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

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

