

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN093022\
 Data File : VN074664.D
 Acq On : 30 Sep 2022 14:04
 Operator : JC\MD
 Sample : VN0930WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0930WBSD01

Manual Integrations
 APPROVED

Reviewed By :John

Carlone

10/03/2022

Supervised By :Mahesh

Dadoda

10/05/2022

Quant Time: Oct 03 02:05:30 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	7.928	168	376976	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.828	114	666081	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.621	117	709847	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.545	152	409272	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.286	65	450838	47.719	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery =	95.440%		
35) Dibromofluoromethane	7.863	113	330962	46.944	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery =	93.880%		
50) Toluene-d8	10.310	98	1426624	48.107	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery =	96.220%		
62) 4-Bromofluorobenzene	12.604	95	428941	45.616	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery =	91.240%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.999	85	150666	19.091	ug/l	100
3) Chloromethane	2.216	50	224607	19.454	ug/l	98
4) Vinyl Chloride	2.357	62	301005	17.954	ug/l	95
5) Bromomethane	2.740	94	227036	19.604	ug/l	89
6) Chloroethane	2.904	64	223926	17.381	ug/l	90
7) Trichlorofluoromethane	3.246	101	223690	19.190	ug/l	97
8) Diethyl Ether	3.681	74	106320	21.202	ug/l	80
9) 1,1,2-Trichlorotrifluo...	4.045	101	130109	18.730	ug/l	90
10) Methyl Iodide	4.257	142	153113	18.550	ug/l	92
11) Tert butyl alcohol	5.175	59	227774	90.273	ug/l #	94
12) 1,1-Dichloroethene	4.028	96	123912	17.599	ug/l	91
13) Acrolein	3.881	56	92678	87.971	ug/l	98
14) Allyl chloride	4.651	41	281932	18.538	ug/l	97
15) Acrylonitrile	5.357	53	598076	100.453	ug/l	100
16) Acetone	4.122	43	462988	99.116	ug/l	95
17) Carbon Disulfide	4.357	76	368654	17.942	ug/l	98
18) Methyl Acetate	4.669	43	349062	19.997	ug/l #	89
19) Methyl tert-butyl Ether	5.422	73	515010	19.166	ug/l	94
20) Methylene Chloride	4.904	84	161828	19.041	ug/l #	81
21) trans-1,2-Dichloroethene	5.398	96	138294	17.980	ug/l	89
22) Diisopropyl ether	6.304	45	603797	19.516	ug/l #	94
23) Vinyl Acetate	6.239	43	2676810	98.441	ug/l #	93
24) 1,1-Dichloroethane	6.198	63	298490	18.907	ug/l	99
25) 2-Butanone	7.157	43	864793	99.444	ug/l #	88
26) 2,2-Dichloropropane	7.151	77	245228	18.265	ug/l	100
27) cis-1,2-Dichloroethene	7.151	96	170283	18.100	ug/l	94
28) Bromochloromethane	7.492	49	141939	19.740	ug/l #	72
29) Tetrahydrofuran	7.516	42	579537	101.001	ug/l #	86
30) Chloroform	7.657	83	282016	19.383	ug/l	93
31) Cyclohexane	7.933	56	283433	18.465	ug/l	90
32) 1,1,1-Trichloroethane	7.851	97	234919	18.399	ug/l	98
36) 1,1-Dichloropropene	8.063	75	210665	18.658	ug/l	96
37) Ethyl Acetate	7.239	43	332045	19.904	ug/l #	95
38) Carbon Tetrachloride	8.045	117	197116	19.056	ug/l	94
39) Methylcyclohexane	9.322	83	278316	19.745	ug/l	94
40) Benzene	8.304	78	686123	19.716	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
41) Methacrylonitrile	7.469	41	146242	20.013	ug/l	#	87
42) 1,2-Dichloroethane	8.380	62	231670	19.816	ug/l		100
43) Isopropyl Acetate	8.416	43	531151	19.884	ug/l	#	91
44) Trichloroethene	9.075	130	143287	19.763	ug/l		89
45) 1,2-Dichloropropane	9.351	63	185233	19.552	ug/l		97
46) Dibromomethane	9.439	93	115872	19.404	ug/l	#	85
47) Bromodichloromethane	9.627	83	225096	19.287	ug/l		100
48) Methyl methacrylate	9.428	41	218980	19.893	ug/l		91
49) 1,4-Dioxane	9.433	88	80478	383.273	ug/l	#	93
51) 4-Methyl-2-Pentanone	10.204	43	1727687	102.210	ug/l		90
52) Toluene	10.374	92	414928	19.746	ug/l		98
53) t-1,3-Dichloropropene	10.592	75	261164	19.741	ug/l		98
54) cis-1,3-Dichloropropene	10.057	75	284326	19.507	ug/l		94
55) 1,1,2-Trichloroethane	10.774	97	168030	19.842	ug/l		92
56) Ethyl methacrylate	10.639	69	286230	19.594	ug/l	#	82
57) 1,3-Dichloropropane	10.922	76	299427	19.979	ug/l		99
58) 2-Chloroethyl Vinyl ether	9.910	63	564191	94.600	ug/l		89
59) 2-Hexanone	10.963	43	1302159	101.934	ug/l		89
60) Dibromochloromethane	11.110	129	161645	19.841	ug/l		98
61) 1,2-Dibromoethane	11.222	107	167600	20.197	ug/l		94
64) Tetrachloroethene	10.845	164	113536	18.919	ug/l		94
65) Chlorobenzene	11.645	112	405286	19.082	ug/l		95
66) 1,1,1,2-Tetrachloroethane	11.716	131	147309	19.440	ug/l		98
67) Ethyl Benzene	11.721	91	764563	19.239	ug/l		100
68) m/p-Xylenes	11.827	106	586706	38.989	ug/l		98
69) o-Xylene	12.151	106	289297	19.126	ug/l		99
70) Styrene	12.169	104	466728	19.347	ug/l		98
71) Bromoform	12.333	173	118132	19.443	ug/l	#	94
73) Isopropylbenzene	12.457	105	746993	19.484	ug/l		99
74) N-amyl acetate	12.268	43	442061	20.933	ug/l	#	88
75) 1,1,2,2-Tetrachloroethane	12.704	83	286046	21.977	ug/l		98
76) 1,2,3-Trichloropropane	12.757	75	199262m	20.201	ug/l		
77) Bromobenzene	12.733	156	157066	21.324	ug/l		80
78) n-propylbenzene	12.798	91	867896	19.625	ug/l		96
79) 2-Chlorotoluene	12.880	91	497327	18.714	ug/l		99
80) 1,3,5-Trimethylbenzene	12.933	105	603813	19.737	ug/l		98
81) trans-1,4-Dichloro-2-b...	12.504	75	98991	20.212	ug/l		93
82) 4-Chlorotoluene	12.980	91	477304	19.300	ug/l		97
83) tert-Butylbenzene	13.198	119	519122	18.999	ug/l		98
84) 1,2,4-Trimethylbenzene	13.239	105	610370	19.978	ug/l		97
85) sec-Butylbenzene	13.374	105	762938	19.870	ug/l		95
86) p-Isopropyltoluene	13.492	119	597542	19.644	ug/l		98
87) 1,3-Dichlorobenzene	13.486	146	285369	19.149	ug/l		98
88) 1,4-Dichlorobenzene	13.568	146	289277	18.992	ug/l		97
89) n-Butylbenzene	13.815	91	531097	19.790	ug/l		96
90) Hexachloroethane	14.080	117	120838	18.461	ug/l		81
91) 1,2-Dichlorobenzene	13.863	146	294390	18.929	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	14.474	75	55993	19.050	ug/l		86
93) 1,2,4-Trichlorobenzene	15.127	180	133773	19.254	ug/l		98
94) Hexachlorobutadiene	15.233	225	62521	20.927	ug/l		97
95) Naphthalene	15.362	128	550288	20.242	ug/l		99
96) 1,2,3-Trichlorobenzene	15.557	180	137428	19.869	ug/l		95

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

