

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN071822\
 Data File : VN073505.D
 Acq On : 18 Jul 2022 17:42
 Operator : JC\MD
 Sample : VN0718WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0718WBSD01

Manual Integrations
 APPROVED

Reviewed By :John
 Carlone

Quant Time: Jul 19 07:05:24 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N062822W.M
 Quant Title : SW846 8260
 QLast Update : Wed Jun 29 01:54:03 2022
 Response via : Initial Calibration

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

Internal Standards						07/19/2022
1) Pentafluorobenzene	8.016	168	176394	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	325251	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	289688	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.616	152	136729	50.000	ug/l	0.00
System Monitoring Compounds						07/19/2022
33) 1,2-Dichloroethane-d4	8.369	65	142091	55.800	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	111.600%
35) Dibromofluoromethane	7.951	113	114041	52.701	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	105.400%
50) Toluene-d8	10.381	98	378596	49.261	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	98.520%
62) 4-Bromofluorobenzene	12.669	95	148906	50.416	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	100.840%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.046	85	47913	18.579	ug/l	99
3) Chloromethane	2.269	50	47714	19.057	ug/l	100
4) Vinyl Chloride	2.405	62	40614	19.091	ug/l	99
5) Bromomethane	2.799	94	19767	19.673	ug/l	94
6) Chloroethane	2.963	64	28599	22.853	ug/l	99
7) Trichlorofluoromethane	3.310	101	68834	18.716	ug/l	95
8) Diethyl Ether	3.769	74	33575	22.426	ug/l	76
9) 1,1,2-Trichlorotrifluo...	4.146	101	44402	20.432	ug/l	95
10) Methyl Iodide	4.346	142	43201	17.556	ug/l	95
11) Tert butyl alcohol	5.287	59	80312	130.194	ug/l	99
12) 1,1-Dichloroethene	4.116	96	41738	20.100	ug/l	98
13) Acrolein	3.987	56	16266	41.718	ug/l	94
14) Allyl chloride	4.763	41	97130	22.204	ug/l #	87
15) Acrylonitrile	5.475	53	212872	134.053	ug/l	99
16) Acetone	4.222	43	199218	139.376	ug/l	98
17) Carbon Disulfide	4.457	76	89114	16.551	ug/l	97
18) Methyl Acetate	4.775	43	124201	31.007	ug/l #	88
19) Methyl tert-butyl Ether	5.534	73	174507	23.058	ug/l	97
20) Methylene Chloride	5.010	84	56675	22.562	ug/l	90
21) trans-1,2-Dichloroethene	5.516	96	44904	20.696	ug/l	90
22) Diisopropyl ether	6.416	45	202254	24.778	ug/l #	95
23) Vinyl Acetate	6.351	43	849866	116.287	ug/l #	92
24) 1,1-Dichloroethane	6.298	63	102151	24.182	ug/l	97
25) 2-Butanone	7.263	43	321284	141.181	ug/l #	88
26) 2,2-Dichloropropane	7.245	77	63145	16.163	ug/l	99
27) cis-1,2-Dichloroethene	7.245	96	56663	21.565	ug/l	95
28) Bromochloromethane	7.587	49	46236	26.135	ug/l #	78
29) Tetrahydrofuran	7.616	42	210443	135.054	ug/l #	85
30) Chloroform	7.751	83	102527	24.098	ug/l	97
31) Cyclohexane	8.022	56	81047	19.434	ug/l	89
32) 1,1,1-Trichloroethane	7.945	97	82202	21.680	ug/l	99
36) 1,1-Dichloropropene	8.151	75	65900	19.792	ug/l	96
37) Ethyl Acetate	7.340	43	117774	23.409	ug/l	95
38) Carbon Tetrachloride	8.134	117	66395	19.282	ug/l	92
39) Methylcyclohexane	9.392	83	68669	16.565	ug/l #	88
40) Benzene	8.392	78	217228	21.140	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
41) Methacrylonitrile	7.569	41	56937	23.335	ug/l	#	88
42) 1,2-Dichloroethane	8.457	62	83254	22.351	ug/l		98
43) Isopropyl Acetate	8.498	43	166872	23.079	ug/l	#	93
44) Trichloroethene	9.151	130	52124	19.933	ug/l		97
45) 1,2-Dichloropropane	9.428	63	58964	22.513	ug/l		98
46) Dibromomethane	9.516	93	38810	21.824	ug/l		90
47) Bromodichloromethane	9.704	83	76016	22.070	ug/l		95
48) Methyl methacrylate	9.498	41	81037	24.206	ug/l	#	85
49) 1,4-Dioxane	9.510	88	32807	516.208	ug/l	#	87
51) 4-Methyl-2-Pentanone	10.269	43	600548	130.974	ug/l		90
52) Toluene	10.445	92	131079	20.641	ug/l		99
53) t-1,3-Dichloropropene	10.657	75	73103	19.280	ug/l		99
54) cis-1,3-Dichloropropene	10.128	75	82448	20.141	ug/l	#	88
55) 1,1,2-Trichloroethane	10.839	97	57928	22.157	ug/l		97
56) Ethyl methacrylate	10.704	69	90126	21.328	ug/l	#	82
57) 1,3-Dichloropropane	10.986	76	99859	22.281	ug/l		99
58) 2-Chloroethyl Vinyl ether	9.981	63	220451	116.977	ug/l		94
59) 2-Hexanone	11.028	43	456041	130.477	ug/l		88
60) Dibromochloromethane	11.180	129	54524	21.874	ug/l		99
61) 1,2-Dibromoethane	11.286	107	55932	21.419	ug/l		99
64) Tetrachloroethene	10.916	164	46904	19.828	ug/l		94
65) Chlorobenzene	11.710	112	134651	20.552	ug/l		98
66) 1,1,1,2-Tetrachloroethane	11.786	131	51689	21.449	ug/l		99
67) Ethyl Benzene	11.786	91	243640	20.484	ug/l		99
68) m/p-Xylenes	11.892	106	182947	40.755	ug/l		96
69) o-Xylene	12.222	106	92105	20.099	ug/l		98
70) Styrene	12.233	104	151798	21.455	ug/l		100
71) Bromoform	12.398	173	38670	21.930	ug/l	#	96
73) Isopropylbenzene	12.522	105	238662	20.213	ug/l		97
74) N-amyl acetate	12.327	43	126011	21.314	ug/l	#	89
75) 1,1,2,2-Tetrachloroethane	12.769	83	92287	23.554	ug/l		98
76) 1,2,3-Trichloropropane	12.822	75	82700m	23.132	ug/l		
77) Bromobenzene	12.798	156	53918	19.641	ug/l		79
78) n-propylbenzene	12.863	91	269438	20.542	ug/l		97
79) 2-Chlorotoluene	12.945	91	170947	20.592	ug/l		96
80) 1,3,5-Trimethylbenzene	12.998	105	193394	20.095	ug/l		100
81) trans-1,4-Dichloro-2-b...	12.569	75	24282	18.626	ug/l		88
82) 4-Chlorotoluene	13.045	91	157367	19.580	ug/l		98
83) tert-Butylbenzene	13.263	119	179111	20.760	ug/l		97
84) 1,2,4-Trimethylbenzene	13.310	105	194791	20.273	ug/l		98
85) sec-Butylbenzene	13.439	105	242772	20.955	ug/l		98
86) p-Isopropyltoluene	13.557	119	188330	20.123	ug/l		99
87) 1,3-Dichlorobenzene	13.557	146	98752	20.052	ug/l		99
88) 1,4-Dichlorobenzene	13.633	146	98792	20.021	ug/l		97
89) n-Butylbenzene	13.880	91	147113	18.864	ug/l		98
90) Hexachloroethane	14.145	117	35362	20.275	ug/l		83
91) 1,2-Dichlorobenzene	13.927	146	104614	20.853	ug/l		100
92) 1,2-Dibromo-3-Chloropr...	14.539	75	21225	22.288	ug/l		83
93) 1,2,4-Trichlorobenzene	15.192	180	47580	18.215	ug/l		97
94) Hexachlorobutadiene	15.298	225	22586	19.450	ug/l		99
95) Naphthalene	15.433	128	196478	18.645	ug/l		99
96) 1,2,3-Trichlorobenzene	15.627	180	53037	19.683	ug/l		95

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 Supervised By :Mahesh
 Dadoda

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

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

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Supervised By :Mahesh
Dadoda

07/19/2022

