

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN071922\
 Data File : VN073522.D
 Acq On : 19 Jul 2022 21:57
 Operator : JC\MD
 Sample : VSTDC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 07/20/2022
 Supervised By : Mahesh Dadoda 07/20/2022

Quant Time: Jul 20 06:25:56 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						07/20/2022
1) Pentafluorobenzene	8.016	168	169151	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.898	114	306307	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	291673	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.616	152	145350	50.000	ug/l	0.00
System Monitoring Compounds						07/20/2022
33) 1,2-Dichloroethane-d4	8.369	65	137493	56.306	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	=	112.620%
35) Dibromofluoromethane	7.945	113	107907	52.950	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	=	105.900%
50) Toluene-d8	10.380	98	364429	50.350	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	=	100.700%
62) 4-Bromofluorobenzene	12.669	95	151574	54.493	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	=	108.980%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.046	85	113678	45.967	ug/l	98
3) Chloromethane	2.263	50	118852	49.503	ug/l	98
4) Vinyl Chloride	2.405	62	102234	50.115	ug/l	98
5) Bromomethane	2.775	94	36374	37.751	ug/l	99
6) Chloroethane	2.940	64	68224	56.852	ug/l	100
7) Trichlorofluoromethane	3.299	101	157072	44.537	ug/l	95
8) Diethyl Ether	3.763	74	80090	55.785	ug/l	73
9) 1,1,2-Trichlorotrifluo...	4.134	101	109526	52.558	ug/l	95
10) Methyl Iodide	4.340	142	116381	47.272	ug/l	95
11) Tert butyl alcohol	5.298	59	193850	327.708	ug/l	100
12) 1,1-Dichloroethene	4.104	96	100525	50.484	ug/l	93
13) Acrolein	3.975	56	65627	175.525	ug/l	97
14) Allyl chloride	4.757	41	239097	56.998	ug/l #	87
15) Acrylonitrile	5.475	53	541125	355.357	ug/l	100
16) Acetone	4.222	43	493937	360.362	ug/l	96
17) Carbon Disulfide	4.451	76	217140	42.055	ug/l	99
18) Methyl Acetate	4.775	43	300725	78.291	ug/l #	88
19) Methyl tert-butyl Ether	5.534	73	431895	59.511	ug/l	96
20) Methylene Chloride	5.004	84	136285	56.577	ug/l #	85
21) trans-1,2-Dichloroethene	5.510	96	106707	51.286	ug/l	94
22) Diisopropyl ether	6.410	45	520902	66.547	ug/l #	94
23) Vinyl Acetate	6.351	43	2159539	308.141	ug/l #	92
24) 1,1-Dichloroethane	6.298	63	244419	60.339	ug/l	98
25) 2-Butanone	7.257	43	801146	367.119	ug/l #	88
26) 2,2-Dichloropropane	7.245	77	131993	35.232	ug/l	99
27) cis-1,2-Dichloroethene	7.251	96	139189	55.242	ug/l	97
28) Bromochloromethane	7.587	49	118497	69.849	ug/l #	78
29) Tetrahydrofuran	7.610	42	533296	356.902	ug/l #	84
30) Chloroform	7.745	83	245898	60.271	ug/l	96
31) Cyclohexane	8.022	56	192311	48.088	ug/l	91
32) 1,1,1-Trichloroethane	7.939	97	201408	55.395	ug/l	98
36) 1,1-Dichloropropene	8.151	75	160837	51.292	ug/l	97
37) Ethyl Acetate	7.339	43	295752	62.421	ug/l #	94
38) Carbon Tetrachloride	8.134	117	161624	49.842	ug/l	97
39) Methylcyclohexane	9.392	83	176499	45.210	ug/l	93
40) Benzene	8.386	78	533094	55.087	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.563	41	134434	58.504	ug/l	92
42) 1,2-Dichloroethane	8.463	62	196777	56.094	ug/l	99
43) Isopropyl Acetate	8.492	43	415582	61.031	ug/l #	92
44) Trichloroethene	9.151	130	120853	49.073	ug/l	91
45) 1,2-Dichloropropane	9.428	63	150396	60.974	ug/l	97
46) Dibromomethane	9.510	93	94775	56.590	ug/l	88
47) Bromodichloromethane	9.698	83	195374	60.232	ug/l #	97
48) Methyl methacrylate	9.498	41	192697	61.119	ug/l	90
49) 1,4-Dioxane	9.504	88	83801	1400.133	ug/l #	89
51) 4-Methyl-2-Pentanone	10.269	43	1539810	356.588	ug/l	89
52) Toluene	10.445	92	329761	55.139	ug/l	99
53) t-1,3-Dichloropropene	10.657	75	190246	53.277	ug/l	98
54) cis-1,3-Dichloropropene	10.128	75	207156	53.736	ug/l #	92
55) 1,1,2-Trichloroethane	10.839	97	143320	58.210	ug/l	98
56) Ethyl methacrylate	10.704	69	240844	60.520	ug/l #	84
57) 1,3-Dichloropropane	10.986	76	249733	59.169	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.980	63	546879	308.134	ug/l	92
59) 2-Hexanone	11.027	43	1183044	359.411	ug/l	88
60) Dibromochloromethane	11.180	129	144450	61.535	ug/l	98
61) 1,2-Dibromoethane	11.286	107	143640	58.408	ug/l	98
64) Tetrachloroethene	10.916	164	130721	54.885	ug/l	96
65) Chlorobenzene	11.710	112	343406	52.058	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.780	131	127171	52.413	ug/l	99
67) Ethyl Benzene	11.786	91	634360	52.970	ug/l	98
68) m/p-Xylenes	11.892	106	476646	105.460	ug/l	96
69) o-Xylene	12.222	106	240692	52.166	ug/l	98
70) Styrene	12.233	104	408496	57.344	ug/l	99
71) Bromoform	12.398	173	103124	58.085	ug/l #	100
73) Isopropylbenzene	12.522	105	632517	50.394	ug/l	98
74) N-amyl acetate	12.327	43	335244	53.341	ug/l #	88
75) 1,1,2,2-Tetrachloroethane	12.769	83	238212	57.193	ug/l	99
76) 1,2,3-Trichloropropane	12.821	75	179972m	47.353	ug/l	
77) Bromobenzene	12.804	156	140864	48.270	ug/l	82
78) n-propylbenzene	12.863	91	730011	52.354	ug/l	97
79) 2-Chlorotoluene	12.945	91	449984	50.989	ug/l	97
80) 1,3,5-Trimethylbenzene	12.998	105	523080	51.129	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.563	75	66192	47.763	ug/l	91
82) 4-Chlorotoluene	13.045	91	431290	50.480	ug/l	96
83) tert-Butylbenzene	13.263	119	454829	49.590	ug/l	94
84) 1,2,4-Trimethylbenzene	13.310	105	518704	50.783	ug/l	98
85) sec-Butylbenzene	13.439	105	646987	52.533	ug/l	98
86) p-Isopropyltoluene	13.557	119	526800	52.950	ug/l	99
87) 1,3-Dichlorobenzene	13.557	146	263304	50.294	ug/l	98
88) 1,4-Dichlorobenzene	13.633	146	261744	49.899	ug/l	99
89) n-Butylbenzene	13.880	91	438261	52.864	ug/l	98
90) Hexachloroethane	14.145	117	97018	52.326	ug/l	82
91) 1,2-Dichlorobenzene	13.927	146	273039	51.197	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.539	75	55273	54.599	ug/l	86
93) 1,2,4-Trichlorobenzene	15.192	180	134158	48.313	ug/l	97
94) Hexachlorobutadiene	15.298	225	61726	50.004	ug/l	99
95) Naphthalene	15.433	128	540368	48.237	ug/l	100
96) 1,2,3-Trichlorobenzene	15.627	180	141763	49.490	ug/l	98

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

07/20/2022
 Supervised By :Mahesh
 Dadoda

07/20/2022

