

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN063022\
 Data File : VN073260.D
 Acq On : 30 Jun 2022 12:09
 Operator : JC\MD
 Sample : VN0630WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0630WBSD01

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 07/01/2022
 Supervised By :Mahesh Dadoda 07/01/2022

Quant Time: Jul 01 08:06:41 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

07/01/2022
 Supervised By :Mahesh
 Dadoda

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

Internal Standards						
1) Pentafluorobenzene	8.016	168	235522	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	410826	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.680	117	370978	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.610	152	170694	50.000	ug/l	0.00

07/01/2022

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.369	65	188217	55.358	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 110.720%	
35) Dibromofluoromethane	7.951	113	148535	54.343	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 108.680%	
50) Toluene-d8	10.375	98	503150	51.830	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 103.660%	
62) 4-Bromofluorobenzene	12.669	95	195527	52.411	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 104.820%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.046	85	72540	21.067	ug/l	96
3) Chloromethane	2.269	50	67982	20.336	ug/l	99
4) Vinyl Chloride	2.410	62	60121	21.166	ug/l	95
5) Bromomethane	2.810	94	28965	21.590	ug/l	100
6) Chloroethane	2.975	64	35402	21.188	ug/l	92
7) Trichlorofluoromethane	3.322	101	102490	20.871	ug/l	98
8) Diethyl Ether	3.763	74	43103	21.562	ug/l	78
9) 1,1,2-Trichlorotrifluo...	4.152	101	57617	19.857	ug/l	97
10) Methyl Iodide	4.357	142	54219	16.685	ug/l	93
11) Tert butyl alcohol	5.287	59	94967	115.302	ug/l	98
12) 1,1-Dichloroethene	4.122	96	58377	21.055	ug/l	94
13) Acrolein	3.981	56	61560	118.249	ug/l	96
14) Allyl chloride	4.763	41	123305	21.111	ug/l #	93
15) Acrylonitrile	5.475	53	239735	113.069	ug/l	98
16) Acetone	4.222	43	217968	114.210	ug/l	94
17) Carbon Disulfide	4.457	76	144267	20.067	ug/l	98
18) Methyl Acetate	4.775	43	121706	22.756	ug/l #	89
19) Methyl tert-butyl Ether	5.528	73	222093	21.979	ug/l	99
20) Methylene Chloride	5.010	84	69267	20.652	ug/l	90
21) trans-1,2-Dichloroethene	5.522	96	60648	20.935	ug/l	97
22) Diisopropyl ether	6.410	45	242877	22.284	ug/l #	93
23) Vinyl Acetate	6.351	43	1101737	112.904	ug/l #	93
24) 1,1-Dichloroethane	6.304	63	123783	21.947	ug/l	97
25) 2-Butanone	7.263	43	349023	114.866	ug/l	91
26) 2,2-Dichloropropane	7.251	77	100032	19.176	ug/l	100
27) cis-1,2-Dichloroethene	7.251	96	72835	20.761	ug/l	94
28) Bromochloromethane	7.587	49	54825	23.210	ug/l	84
29) Tetrahydrofuran	7.610	42	240281	115.490	ug/l #	86
30) Chloroform	7.745	83	122669	21.594	ug/l	99
31) Cyclohexane	8.028	56	109333	19.635	ug/l	90
32) 1,1,1-Trichloroethane	7.945	97	106352	21.008	ug/l	98
36) 1,1-Dichloropropene	8.151	75	85233	20.266	ug/l	98
37) Ethyl Acetate	7.334	43	142299	22.393	ug/l #	95
38) Carbon Tetrachloride	8.134	117	88580	20.367	ug/l	94
39) Methylcyclohexane	9.392	83	100754	19.242	ug/l	93
40) Benzene	8.387	78	275110	21.196	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)	
41) Methacrylonitrile	7.563	41	69683	22.610	ug/l	#	82
42) 1,2-Dichloroethane	8.463	62	102729	21.834	ug/l		98
43) Isopropyl Acetate	8.492	43	202168	22.136	ug/l		94
44) Trichloroethene	9.145	130	65985	19.977	ug/l		91
45) 1,2-Dichloropropane	9.428	63	70542	21.323	ug/l		95
46) Dibromomethane	9.510	93	47340	21.075	ug/l		93
47) Bromodichloromethane	9.698	83	94735	21.775	ug/l		95
48) Methyl methacrylate	9.498	41	88413	20.908	ug/l		89
49) 1,4-Dioxane	9.504	88	36759	457.913	ug/l	#	90
51) 4-Methyl-2-Pentanone	10.269	43	666386	115.060	ug/l		90
52) Toluene	10.439	92	163802	20.421	ug/l		97
53) t-1,3-Dichloropropene	10.657	75	102491	21.400	ug/l		97
54) cis-1,3-Dichloropropene	10.128	75	110007	21.276	ug/l		92
55) 1,1,2-Trichloroethane	10.839	97	68233	20.663	ug/l		98
56) Ethyl methacrylate	10.698	69	118827	22.263	ug/l		87
57) 1,3-Dichloropropane	10.980	76	121216	21.413	ug/l		98
58) 2-Chloroethyl Vinyl ether	9.981	63	271179	113.921	ug/l		94
59) 2-Hexanone	11.022	43	514465	116.532	ug/l		88
60) Dibromochloromethane	11.175	129	69343	22.025	ug/l		99
61) 1,2-Dibromoethane	11.286	107	70331	21.323	ug/l		99
64) Tetrachloroethene	10.910	164	57443	18.962	ug/l		92
65) Chlorobenzene	11.710	112	169509	20.203	ug/l		99
66) 1,1,1,2-Tetrachloroethane	11.780	131	64727	20.974	ug/l		98
67) Ethyl Benzene	11.780	91	306083	20.095	ug/l		98
68) m/p-Xylenes	11.892	106	234129	40.728	ug/l		94
69) o-Xylene	12.216	106	118548	20.201	ug/l		96
70) Styrene	12.233	104	189681	20.935	ug/l		98
71) Bromoform	12.392	173	49745	22.029	ug/l	#	99
73) Isopropylbenzene	12.516	105	303128	20.565	ug/l		99
74) N-amyl acetate	12.327	43	161768	21.918	ug/l	#	88
75) 1,1,2,2-Tetrachloroethane	12.769	83	107553	21.988	ug/l		97
76) 1,2,3-Trichloropropane	12.816	75	90631m	20.306	ug/l		
77) Bromobenzene	12.798	156	69621	20.315	ug/l		86
78) n-propylbenzene	12.857	91	341930	20.881	ug/l		97
79) 2-Chlorotoluene	12.945	91	210710	20.331	ug/l		96
80) 1,3,5-Trimethylbenzene	12.998	105	248233	20.661	ug/l		99
81) trans-1,4-Dichloro-2-b...	12.563	75	33721	20.720	ug/l		92
82) 4-Chlorotoluene	13.039	91	199493	19.883	ug/l		98
83) tert-Butylbenzene	13.257	119	221504	20.565	ug/l		97
84) 1,2,4-Trimethylbenzene	13.304	105	250435	20.878	ug/l		97
85) sec-Butylbenzene	13.439	105	297655	20.580	ug/l		98
86) p-Isopropyltoluene	13.551	119	242088	20.720	ug/l		99
87) 1,3-Dichlorobenzene	13.551	146	123621	20.107	ug/l		100
88) 1,4-Dichlorobenzene	13.627	146	127442	20.688	ug/l		98
89) n-Butylbenzene	13.880	91	191127	19.631	ug/l		98
90) Hexachloroethane	14.145	117	47513	21.821	ug/l		81
91) 1,2-Dichlorobenzene	13.921	146	133110	21.254	ug/l		98
92) 1,2-Dibromo-3-Chloropr...	14.539	75	27415	23.060	ug/l		82
93) 1,2,4-Trichlorobenzene	15.192	180	68131	20.892	ug/l		98
94) Hexachlorobutadiene	15.298	225	29384	20.270	ug/l		97
95) Naphthalene	15.433	128	264559	20.110	ug/l		99
96) 1,2,3-Trichlorobenzene	15.621	180	69862	20.768	ug/l		96

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

