

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN012622\
 Data File : VN070786.D
 Acq On : 26 Jan 2022 13:41
 Operator : JC/MD
 Sample : VN0126WBSD01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0126WBSD01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 01/27/2022
 Supervised By : Mahesh Dadoda 01/27/2022

Quant Time: Jan 27 03:32:06 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N011822W.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 18 13:32:07 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.083	168	578153	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.965	114	924251	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.741	117	907713	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.672	152	369874	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.434	65	485059	58.541	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 117.080%	
35) Dibromofluoromethane	8.021	113	329653	57.500	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 115.000%	
50) Toluene-d8	10.441	98	1346191	55.738	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 111.480%	
62) 4-Bromofluorobenzene	12.728	95	504955	58.671	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 117.340%	

Target Compounds				Qvalue		
2) Dichlorodifluoromethane	2.073	85	121561	18.195	ug/l	99
3) Chloromethane	2.306	50	184744	18.918	ug/l	100
4) Vinyl Chloride	2.451	62	183858	19.795	ug/l	98
5) Bromomethane	2.864	94	116370	24.056	ug/l	99
6) Chloroethane	3.028	64	113944	19.659	ug/l	99
7) Trichlorofluoromethane	3.382	101	242685	22.872	ug/l	98
8) Diethyl Ether	3.829	74	88096	19.007	ug/l	86
9) 1,1,2-Trichlorotrifluo...	4.210	101	118460	18.472	ug/l	97
10) Methyl Iodide	4.425	142	160241	19.378	ug/l	97
11) Tert butyl alcohol	5.369	59	130514	87.308	ug/l	99
12) 1,1-Dichloroethene	4.183	96	110927	17.343	ug/l	88
13) Acrolein	4.041	56	194865	90.891	ug/l	100
14) Allyl chloride	4.841	41	255945	18.366	ug/l	87
15) Acrylonitrile	5.551	53	434299	91.326	ug/l	99
16) Acetone	4.285	43	476250	82.812	ug/l	99
17) Carbon Disulfide	4.535	76	297320	17.116	ug/l	98
18) Methyl Acetate	4.857	43	207461	18.343	ug/l	93
19) Methyl tert-butyl Ether	5.616	73	468102	20.487	ug/l	96
20) Methylene Chloride	5.098	84	143914	18.998	ug/l	89
21) trans-1,2-Dichloroethene	5.600	96	122738	19.067	ug/l	86
22) Diisopropyl ether	6.495	45	548652	19.863	ug/l	94
23) Vinyl Acetate	6.434	43	2311012	98.698	ug/l	95
24) 1,1-Dichloroethane	6.388	63	270689	19.591	ug/l	99
25) 2-Butanone	7.332	43	636908	88.011	ug/l	92
26) 2,2-Dichloropropane	7.321	77	214712	20.268	ug/l	97
27) cis-1,2-Dichloroethene	7.321	96	148334	19.398	ug/l	85
28) Bromochloromethane	7.657	49	120258	19.385	ug/l	# 78
29) Tetrahydrofuran	7.683	42	398136	89.851	ug/l	90
30) Chloroform	7.818	83	267603	19.525	ug/l	99
31) Cyclohexane	8.094	56	263663	18.071	ug/l	87
32) 1,1,1-Trichloroethane	8.016	97	223312	20.822	ug/l	97
36) 1,1-Dichloropropene	8.223	75	193584	20.057	ug/l	95
37) Ethyl Acetate	7.413	43	241993	18.886	ug/l	97
38) Carbon Tetrachloride	8.206	117	189445	22.064	ug/l	98
39) Methylcyclohexane	9.456	83	229344	19.248	ug/l	# 87
40) Benzene	8.459	78	594896	19.892	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.635	41	127578	19.570	ug/l #	87
42) 1,2-Dichloroethane	8.528	62	227945	21.982	ug/l	98
43) Isopropyl Acetate	8.560	43	390757	19.965	ug/l	95
44) Trichloroethene	9.215	130	134580	19.850	ug/l	86
45) 1,2-Dichloropropane	9.488	63	163454	20.088	ug/l	98
46) Dibromomethane	9.574	93	100522	21.247	ug/l	94
47) Bromodichloromethane	9.759	83	206863	21.389	ug/l	100
48) Methyl methacrylate	9.558	41	172289	18.478	ug/l #	85
49) 1,4-Dioxane	9.566	88	49956	356.691	ug/l #	81
51) 4-Methyl-2-Pentanone	10.328	43	1217469	97.487	ug/l	97
52) Toluene	10.502	92	364606	20.382	ug/l	97
53) t-1,3-Dichloropropene	10.717	75	218741	20.158	ug/l	98
54) cis-1,3-Dichloropropene	10.188	75	240184	20.708	ug/l	98
55) 1,1,2-Trichloroethane	10.896	97	145385	20.688	ug/l	97
56) Ethyl methacrylate	10.760	69	234579	19.045	ug/l	89
57) 1,3-Dichloropropane	11.041	76	258437	20.773	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.038	63	247423	88.011	ug/l	91
59) 2-Hexanone	11.084	43	863196	95.145	ug/l	96
60) Dibromochloromethane	11.234	129	142097	21.677	ug/l	98
61) 1,2-Dibromoethane	11.344	107	143547	20.344	ug/l	100
64) Tetrachloroethene	10.977	164	126465	19.002	ug/l	93
65) Chlorobenzene	11.768	112	400211	20.350	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.841	131	156197	23.064	ug/l	99
67) Ethyl Benzene	11.843	91	819034	22.463	ug/l	96
68) m/p-Xylenes	11.950	106	620994	46.816	ug/l	91
69) o-Xylene	12.278	106	298865	22.704	ug/l	91
70) Styrene	12.294	104	483824	22.975	ug/l	96
71) Bromoform	12.455	173	114920	22.465	ug/l #	100
73) Isopropylbenzene	12.575	105	717657	20.509	ug/l	97
74) N-amyl acetate	12.388	43	292753	20.462	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.825	83	243110	20.572	ug/l	98
76) 1,2,3-Trichloropropane	12.878	75	202795m	20.672	ug/l	
77) Bromobenzene	12.860	156	160680	20.481	ug/l	76
78) n-propylbenzene	12.919	91	793187	20.269	ug/l	95
79) 2-Chlorotoluene	13.004	91	504485	20.379	ug/l	92
80) 1,3,5-Trimethylbenzene	13.058	105	601240	21.247	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.624	75	61011	18.528	ug/l	97
82) 4-Chlorotoluene	13.104	91	486410	21.030	ug/l	90
83) tert-Butylbenzene	13.321	119	499120	20.263	ug/l	94
84) 1,2,4-Trimethylbenzene	13.367	105	561906	20.658	ug/l	97
85) sec-Butylbenzene	13.501	105	738294	22.047	ug/l	96
86) p-Isopropyltoluene	13.613	119	566445	21.533	ug/l	96
87) 1,3-Dichlorobenzene	13.616	146	275191	21.086	ug/l	96
88) 1,4-Dichlorobenzene	13.694	146	265217	20.420	ug/l	95
89) n-Butylbenzene	13.943	91	438957	20.227	ug/l	97
90) Hexachloroethane	14.209	117	93585	20.352	ug/l	92
91) 1,2-Dichlorobenzene	13.986	146	290021	22.492	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.603	75	39418	19.664	ug/l	84
93) 1,2,4-Trichlorobenzene	15.263	180	108760	18.251	ug/l	99
94) Hexachlorobutadiene	15.367	225	78489	20.553	ug/l	99
95) Naphthalene	15.504	128	256329	16.991	ug/l	99
96) 1,2,3-Trichlorobenzene	15.700	180	105746	18.363	ug/l	98

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

