

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN030422\
 Data File : VN071164.D
 Acq On : 04 Mar 2022 12:28
 Operator : JC\MD
 Sample : VN0304WBS02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0304WBS02

Manual Integrations
 APPROVED

Reviewed By : John Carlone 03/07/2022
 Supervised By : Mahesh Dadoda 03/07/2022

Quant Time: Mar 04 22:15:39 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N021522W.M
 Quant Title : SW846 8260
 QLast Update : Mon Feb 21 07:57:15 2022
 Response via : Initial Calibration

03/07/2022
 Supervised By : Mahesh
 Dadoda

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

Internal Standards						
1) Pentafluorobenzene	8.081	168	553838	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	889770	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	807255	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.668	152	322122	50.000	ug/l	0.00

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System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.434	65	383785	60.662	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 121.320%	
35) Dibromofluoromethane	8.016	113	294794	55.702	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 111.400%	
50) Toluene-d8	10.433	98	1154347	54.313	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 108.620%	
62) 4-Bromofluorobenzene	12.721	95	382290	50.321	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 100.640%	

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	2.069	85	97005	16.863	ug/l	100
3) Chloromethane	2.299	50	135091	18.684	ug/l	100
4) Vinyl Chloride	2.446	62	127389	17.600	ug/l	95
5) Bromomethane	2.857	94	77917	18.950	ug/l	94
6) Chloroethane	3.022	64	82690	17.414	ug/l	99
7) Trichlorofluoromethane	3.381	101	178366	19.664	ug/l	98
8) Diethyl Ether	3.828	74	79297	20.110	ug/l	91
9) 1,1,2-Trichlorotrifluo...	4.216	101	106461	19.130	ug/l	95
10) Methyl Iodide	4.422	142	140969	18.290	ug/l	98
11) Tert butyl alcohol	5.357	59	108364	93.986	ug/l	98
12) 1,1-Dichloroethene	4.193	96	97482	17.979	ug/l	98
13) Acrolein	4.040	56	75170	72.961	ug/l	100
14) Allyl chloride	4.845	41	209610	20.270	ug/l	86
15) Acrylonitrile	5.545	53	389047	114.555	ug/l	98
16) Acetone	4.281	43	339570	97.460	ug/l	96
17) Carbon Disulfide	4.534	76	226585	14.572	ug/l	100
18) Methyl Acetate	4.851	43	186681	24.158	ug/l	95
19) Methyl tert-butyl Ether	5.604	73	417436	21.947	ug/l	97
20) Methylene Chloride	5.098	84	126876	20.037	ug/l	93
21) trans-1,2-Dichloroethene	5.598	96	105333	18.100	ug/l	85
22) Diisopropyl ether	6.487	45	481924	24.299	ug/l	94
23) Vinyl Acetate	6.428	43	1942574	115.706	ug/l	98
24) 1,1-Dichloroethane	6.387	63	234447	21.087	ug/l	98
25) 2-Butanone	7.328	43	513168	110.716	ug/l	97
26) 2,2-Dichloropropane	7.322	77	189946	20.557	ug/l	99
27) cis-1,2-Dichloroethene	7.322	96	137061	20.491	ug/l	90
28) Bromochloromethane	7.651	49	111306	24.735	ug/l	84
29) Tetrahydrofuran	7.675	42	342306	114.002	ug/l	92
30) Chloroform	7.810	83	230306	21.062	ug/l	97
31) Cyclohexane	8.092	56	215596	19.704	ug/l	92
32) 1,1,1-Trichloroethane	8.010	97	191788	20.310	ug/l	96
36) 1,1-Dichloropropene	8.216	75	164203	18.938	ug/l	97
37) Ethyl Acetate	7.404	43	214418	23.058	ug/l	97
38) Carbon Tetrachloride	8.204	117	163568	19.146	ug/l	97
39) Methylcyclohexane	9.457	83	194161	17.403	ug/l	92
40) Benzene	8.457	78	520788	20.305	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.634	41	105302	21.501	ug/l	89
42) 1,2-Dichloroethane	8.522	62	186931	21.400	ug/l	98
43) Isopropyl Acetate	8.557	43	341317	23.286	ug/l	96
44) Trichloroethene	9.210	130	122806	18.183	ug/l	91
45) 1,2-Dichloropropane	9.480	63	144450	21.987	ug/l	94
46) Dibromomethane	9.575	93	87754	20.297	ug/l	98
47) Bromodichloromethane	9.757	83	182949	20.937	ug/l	99
48) Methyl methacrylate	9.551	41	155827	22.461	ug/l #	83
49) 1,4-Dioxane	9.563	88	45546	369.622	ug/l	91
51) 4-Methyl-2-Pentanone	10.322	43	1028814	115.366	ug/l	100
52) Toluene	10.498	92	319148	19.803	ug/l	96
53) t-1,3-Dichloropropene	10.710	75	188166	19.804	ug/l	99
54) cis-1,3-Dichloropropene	10.186	75	210358	20.160	ug/l	96
55) 1,1,2-Trichloroethane	10.892	97	131519	20.848	ug/l	95
56) Ethyl methacrylate	10.757	69	202515	21.307	ug/l	91
57) 1,3-Dichloropropane	11.039	76	234512	21.491	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.033	63	135974	87.933	ug/l	95
59) 2-Hexanone	11.080	43	675144	110.079	ug/l	99
60) Dibromochloromethane	11.233	129	130592	19.588	ug/l	98
61) 1,2-Dibromoethane	11.339	107	127444	19.862	ug/l	99
64) Tetrachloroethene	10.969	164	108952	17.330	ug/l	96
65) Chlorobenzene	11.763	112	336292	19.333	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.833	131	127188	20.058	ug/l	99
67) Ethyl Benzene	11.839	91	588502	19.330	ug/l	100
68) m/p-Xylenes	11.945	106	450972	38.348	ug/l	98
69) o-Xylene	12.274	106	226631	19.728	ug/l	99
70) Styrene	12.286	104	348695	19.089	ug/l	98
71) Bromoform	12.451	173	94253	18.664	ug/l #	100
73) Isopropylbenzene	12.574	105	578462	22.310	ug/l	99
74) N-amyl acetate	12.380	43	188471	22.740	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.821	83	198717	24.118	ug/l	98
76) 1,2,3-Trichloropropane	12.874	75	161470m	21.290	ug/l	
77) Bromobenzene	12.857	156	135570	21.359	ug/l	84
78) n-propylbenzene	12.916	91	630053	21.628	ug/l	97
79) 2-Chlorotoluene	12.998	91	397431	22.465	ug/l	94
80) 1,3,5-Trimethylbenzene	13.051	105	468366	22.297	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.616	75	48025	20.519	ug/l	95
82) 4-Chlorotoluene	13.098	91	373605	21.755	ug/l	94
83) tert-Butylbenzene	13.316	119	424438	21.306	ug/l	99
84) 1,2,4-Trimethylbenzene	13.363	105	449905	21.758	ug/l	99
85) sec-Butylbenzene	13.498	105	558885	21.291	ug/l	98
86) p-Isopropyltoluene	13.610	119	443483	20.580	ug/l	99
87) 1,3-Dichlorobenzene	13.610	146	223800	19.918	ug/l	97
88) 1,4-Dichlorobenzene	13.686	146	217458	19.753	ug/l	97
89) n-Butylbenzene	13.939	91	320564	18.234	ug/l	97
90) Hexachloroethane	14.204	117	79469	20.650	ug/l	92
91) 1,2-Dichlorobenzene	13.980	146	219720	20.825	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.598	75	27640	20.705	ug/l	86
93) 1,2,4-Trichlorobenzene	15.257	180	83663	15.542	ug/l	98
94) Hexachlorobutadiene	15.362	225	66124	17.186	ug/l	98
95) Naphthalene	15.504	128	160265	15.008	ug/l	100
96) 1,2,3-Trichlorobenzene	15.692	180	74058	15.380	ug/l	98

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

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