

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032222\
 Data File : VN071484.D
 Acq On : 22 Mar 2022 23:48
 Operator : JC\MD
 Sample : VN0322WBS02
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0322WBS02

Quant Time: Mar 23 07:13:04 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N030722W.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 08 06:52:46 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 03/23/2022
 Supervised By :Semsettin Yesilyurt 03/23/2022

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

Internal Standards						
1) Pentafluorobenzene	8.081	168	559777	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	954429	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	852125	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.669	152	327425	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.434	65	399837	52.117	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 104.240%			
35) Dibromofluoromethane	8.016	113	300120	49.831	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 99.660%			
50) Toluene-d8	10.439	98	1169069	48.210	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 96.420%			
62) 4-Bromofluorobenzene	12.727	95	383795	46.739	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 93.480%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.069	85	102308	16.676	ug/l	100
3) Chloromethane	2.299	50	149863	18.173	ug/l	99
4) Vinyl Chloride	2.440	62	135142	17.975	ug/l	96
5) Bromomethane	2.846	94	74839	18.531	ug/l	97
6) Chloroethane	3.005	64	82251	18.065	ug/l	96
7) Trichlorofluoromethane	3.369	101	188330	19.031	ug/l	99
8) Diethyl Ether	3.822	74	83684	19.762	ug/l	90
9) 1,1,2-Trichlorotrifluo...	4.204	101	109669	19.144	ug/l	94
10) Methyl Iodide	4.416	142	142307	17.588	ug/l	100
11) Tert butyl alcohol	5.357	59	165184	109.602	ug/l	97
12) 1,1-Dichloroethene	4.181	96	103380	18.421	ug/l	92
13) Acrolein	4.040	56	75797	47.515	ug/l	96
14) Allyl chloride	4.840	41	228861	18.750	ug/l #	85
15) Acrylonitrile	5.546	53	471407	105.339	ug/l	99
16) Acetone	4.281	43	408209	109.354	ug/l	100
17) Carbon Disulfide	4.534	76	244066	15.276	ug/l	96
18) Methyl Acetate	4.851	43	226264	22.827	ug/l	97
19) Methyl tert-butyl Ether	5.610	73	436355	20.709	ug/l	98
20) Methylene Chloride	5.093	84	135566	20.100	ug/l	89
21) trans-1,2-Dichloroethene	5.593	96	112903	18.393	ug/l	88
22) Diisopropyl ether	6.493	45	498022	20.711	ug/l	95
23) Vinyl Acetate	6.428	43	2136322	104.940	ug/l	98
24) 1,1-Dichloroethane	6.387	63	255061	20.073	ug/l	100
25) 2-Butanone	7.328	43	657060	109.268	ug/l	92
26) 2,2-Dichloropropane	7.322	77	161645	16.490	ug/l	98
27) cis-1,2-Dichloroethene	7.322	96	141615	19.438	ug/l	91
28) Bromochloromethane	7.651	49	96174	16.996	ug/l #	81
29) Tetrahydrofuran	7.681	42	448686	107.705	ug/l	91
30) Chloroform	7.816	83	248149	20.476	ug/l	96
31) Cyclohexane	8.092	56	228216	18.628	ug/l	90
32) 1,1,1-Trichloroethane	8.010	97	208244	20.172	ug/l	95
36) 1,1-Dichloropropene	8.222	75	173422	17.972	ug/l	96
37) Ethyl Acetate	7.410	43	263766	19.861	ug/l	98
38) Carbon Tetrachloride	8.198	117	173208	18.557	ug/l	99
39) Methylcyclohexane	9.457	83	194791	17.159	ug/l	93
40) Benzene	8.457	78	553577	19.040	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.634	41	136110	20.942	ug/l #	89
42) 1,2-Dichloroethane	8.522	62	203612	20.125	ug/l	99
43) Isopropyl Acetate	8.557	43	407906	20.539	ug/l	96
44) Trichloroethene	9.210	130	128342	18.709	ug/l	97
45) 1,2-Dichloropropane	9.486	63	149979	19.216	ug/l	100
46) Dibromomethane	9.575	93	93742	19.514	ug/l	96
47) Bromodichloromethane	9.757	83	189633	19.534	ug/l	98
48) Methyl methacrylate	9.557	41	173065	18.804	ug/l	87
49) 1,4-Dioxane	9.563	88	69206	432.605	ug/l	88
51) 4-Methyl-2-Pentanone	10.328	43	1311418	106.402	ug/l	100
52) Toluene	10.498	92	338862	18.927	ug/l	96
53) t-1,3-Dichloropropene	10.716	75	194011	18.130	ug/l	98
54) cis-1,3-Dichloropropene	10.186	75	215390	18.421	ug/l	99
55) 1,1,2-Trichloroethane	10.892	97	138896	19.361	ug/l	99
56) Ethyl methacrylate	10.757	69	230934	19.712	ug/l	90
57) 1,3-Dichloropropane	11.039	76	254582	19.770	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.039	63	203764	101.422	ug/l	95
59) 2-Hexanone	11.081	43	954541	113.507	ug/l	99
60) Dibromochloromethane	11.233	129	141351	19.830	ug/l	100
61) 1,2-Dibromoethane	11.339	107	140003	19.094	ug/l	99
64) Tetrachloroethene	10.975	164	106463	17.914	ug/l	96
65) Chlorobenzene	11.763	112	348878	19.064	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.839	131	134608	20.060	ug/l	99
67) Ethyl Benzene	11.839	91	630134	19.475	ug/l	98
68) m/p-Xylenes	11.951	106	466763	39.433	ug/l	97
69) o-Xylene	12.275	106	230730	19.446	ug/l	93
70) Styrene	12.292	104	364441	19.843	ug/l	98
71) Bromoform	12.451	173	104135	20.435	ug/l #	100
73) Isopropylbenzene	12.575	105	600151	19.014	ug/l	99
74) N-amyl acetate	12.386	43	254086	21.410	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.822	83	225208	22.607	ug/l	99
76) 1,2,3-Trichloropropane	12.874	75	170002m	19.713	ug/l	
77) Bromobenzene	12.857	156	140168	19.044	ug/l	78
78) n-propylbenzene	12.916	91	634733	18.741	ug/l	97
79) 2-Chlorotoluene	13.004	91	411397	18.922	ug/l	94
80) 1,3,5-Trimethylbenzene	13.057	105	478691	19.494	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.622	75	56480	18.647	ug/l	98
82) 4-Chlorotoluene	13.098	91	380944	19.671	ug/l	93
83) tert-Butylbenzene	13.322	119	438045	19.989	ug/l	97
84) 1,2,4-Trimethylbenzene	13.363	105	468575	19.922	ug/l	100
85) sec-Butylbenzene	13.498	105	569541	19.553	ug/l	98
86) p-Isopropyltoluene	13.610	119	447723	19.545	ug/l	98
87) 1,3-Dichlorobenzene	13.610	146	227471	19.021	ug/l	97
88) 1,4-Dichlorobenzene	13.692	146	217919	18.642	ug/l	96
89) n-Butylbenzene	13.939	91	316679	17.675	ug/l	95
90) Hexachloroethane	14.210	117	86493	18.987	ug/l	88
91) 1,2-Dichlorobenzene	13.986	146	229273	19.941	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.598	75	40268	21.927	ug/l	84
93) 1,2,4-Trichlorobenzene	15.263	180	94859	19.610	ug/l	98
94) Hexachlorobutadiene	15.363	225	61528	19.063	ug/l	98
95) Naphthalene	15.504	128	289186	22.381	ug/l	100
96) 1,2,3-Trichlorobenzene	15.692	180	100289	21.176	ug/l	99

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

