

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN032922\
 Data File : VN071630.D
 Acq On : 29 Mar 2022 14:31
 Operator : JC\MD
 Sample : VN0329WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0329MBS01

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 03/31/2022
 Supervised By :Semsettin Yesilyurt 03/31/2022

Quant Time: Mar 30 06:04:10 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N032822W.M
 Quant Title : SW846 8260
 QLast Update : Tue Mar 29 09:32:37 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.081	168	628311	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.963	114	984330	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.739	117	895491	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.669	152	349302	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.434	65	368096	48.861	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	97.720%		
35) Dibromofluoromethane	8.016	113	300669	49.736	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	99.480%		
50) Toluene-d8	10.433	98	1222854	49.040	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	98.080%		
62) 4-Bromofluorobenzene	12.722	95	395881	48.666	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	97.340%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	2.069	85	121941	19.811	ug/l	98
3) Chloromethane	2.299	50	139469	19.255	ug/l	100
4) Vinyl Chloride	2.446	62	158009	19.637	ug/l	97
5) Bromomethane	2.840	94	103383	21.866	ug/l	98
6) Chloroethane	3.005	64	104940	18.394	ug/l	95
7) Trichlorofluoromethane	3.375	101	191759	19.995	ug/l	99
8) Diethyl Ether	3.822	74	78030	19.554	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.210	101	113985	19.562	ug/l	97
10) Methyl Iodide	4.416	142	163024	18.969	ug/l	100
11) Tert butyl alcohol	5.363	59	121471	91.315	ug/l #	87
12) 1,1-Dichloroethene	4.187	96	110416	19.578	ug/l	97
13) Acrolein	4.034	56	94041	84.726	ug/l	99
14) Allyl chloride	4.840	41	178351	19.813	ug/l	99
15) Acrylonitrile	5.546	53	358452	96.482	ug/l	100
16) Acetone	4.281	43	298762	96.200	ug/l	95
17) Carbon Disulfide	4.534	76	270517	19.259	ug/l	99
18) Methyl Acetate	4.851	43	165450	20.040	ug/l	99
19) Methyl tert-butyl Ether	5.610	73	407008	19.762	ug/l	95
20) Methylene Chloride	5.087	84	132713	19.333	ug/l	96
21) trans-1,2-Dichloroethene	5.593	96	118478	19.643	ug/l	99
22) Diisopropyl ether	6.493	45	382036	19.853	ug/l	99
23) Vinyl Acetate	6.428	43	1605286	98.885	ug/l	100
24) 1,1-Dichloroethane	6.381	63	226490	19.764	ug/l	98
25) 2-Butanone	7.328	43	460563	95.272	ug/l	98
26) 2,2-Dichloropropane	7.322	77	194073	19.705	ug/l	100
27) cis-1,2-Dichloroethene	7.316	96	145811	19.670	ug/l	99
28) Bromochloromethane	7.657	49	83471	18.033	ug/l	99
29) Tetrahydrofuran	7.675	42	308165	98.201	ug/l	99
30) Chloroform	7.810	83	235032	20.012	ug/l	98
31) Cyclohexane	8.087	56	212980	20.244	ug/l	97
32) 1,1,1-Trichloroethane	8.010	97	204266	20.052	ug/l	98
36) 1,1-Dichloropropene	8.216	75	170537	19.623	ug/l	99
37) Ethyl Acetate	7.404	43	185844	19.557	ug/l	98
38) Carbon Tetrachloride	8.198	117	168278	19.539	ug/l	97
39) Methylcyclohexane	9.457	83	217986	20.280	ug/l	98
40) Benzene	8.457	78	538628	20.187	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.634	41	88608	19.172	ug/l	99
42) 1,2-Dichloroethane	8.522	62	186176	20.187	ug/l	99
43) Isopropyl Acetate	8.551	43	294482	19.089	ug/l	99
44) Trichloroethene	9.210	130	138608	19.764	ug/l	99
45) 1,2-Dichloropropane	9.486	63	132184	20.109	ug/l	98
46) Dibromomethane	9.575	93	89823	19.967	ug/l	98
47) Bromodichloromethane	9.757	83	177906	20.071	ug/l	98
48) Methyl methacrylate	9.557	41	136932	20.008	ug/l	97
49) 1,4-Dioxane	9.563	88	59333	393.750	ug/l	98
51) 4-Methyl-2-Pentanone	10.322	43	919120	98.645	ug/l	99
52) Toluene	10.498	92	347484	20.251	ug/l	100
53) t-1,3-Dichloropropene	10.710	75	188489	19.561	ug/l	99
54) cis-1,3-Dichloropropene	10.186	75	211225	20.148	ug/l	99
55) 1,1,2-Trichloroethane	10.892	97	137772	19.938	ug/l	99
56) Ethyl methacrylate	10.757	69	209383	20.278	ug/l	98
57) 1,3-Dichloropropane	11.039	76	232968	20.196	ug/l	98
58) 2-Chloroethyl Vinyl ether	10.033	63	221168	83.853	ug/l	98
59) 2-Hexanone	11.080	43	666923	100.053	ug/l	99
60) Dibromochloromethane	11.233	129	138910	20.047	ug/l	98
61) 1,2-Dibromoethane	11.339	107	140253	20.049	ug/l	100
64) Tetrachloroethene	10.969	164	123993	20.007	ug/l	97
65) Chlorobenzene	11.763	112	371893	19.902	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.833	131	133935	19.973	ug/l	99
67) Ethyl Benzene	11.839	91	649955	20.147	ug/l	97
68) m/p-Xylenes	11.951	106	501818	40.946	ug/l	100
69) o-Xylene	12.275	106	248331	20.167	ug/l	99
70) Styrene	12.286	104	385392	20.500	ug/l	100
71) Bromoform	12.451	173	102535	19.428	ug/l #	100
73) Isopropylbenzene	12.574	105	633875	20.747	ug/l	100
74) N-amyl acetate	12.380	43	187221	20.183	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.822	83	202031	19.755	ug/l	99
76) 1,2,3-Trichloropropane	12.874	75	172222m	20.534	ug/l	
77) Bromobenzene	12.857	156	151237	19.684	ug/l	99
78) n-propylbenzene	12.916	91	669743	20.331	ug/l	99
79) 2-Chlorotoluene	13.004	91	423883	20.548	ug/l	100
80) 1,3,5-Trimethylbenzene	13.051	105	515505	21.372	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.616	75	55663	19.156	ug/l	97
82) 4-Chlorotoluene	13.098	91	390999	20.321	ug/l	99
83) tert-Butylbenzene	13.316	119	460691	20.811	ug/l	99
84) 1,2,4-Trimethylbenzene	13.363	105	498980	21.123	ug/l	100
85) sec-Butylbenzene	13.498	105	598035	20.449	ug/l	100
86) p-Isopropyltoluene	13.610	119	484176	20.836	ug/l	100
87) 1,3-Dichlorobenzene	13.610	146	245461	19.788	ug/l	99
88) 1,4-Dichlorobenzene	13.686	146	234898	19.076	ug/l	99
89) n-Butylbenzene	13.939	91	357625	20.367	ug/l	99
90) Hexachloroethane	14.204	117	87844	20.132	ug/l	100
91) 1,2-Dichlorobenzene	13.980	146	240348	19.778	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.598	75	33087	18.715	ug/l	98
93) 1,2,4-Trichlorobenzene	15.257	180	99430	18.526	ug/l	98
94) Hexachlorobutadiene	15.363	225	67804	20.048	ug/l	98
95) Naphthalene	15.498	128	254881	18.044	ug/l	100
96) 1,2,3-Trichlorobenzene	15.698	180	99660	18.544	ug/l	97

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

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