

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN082622\
 Data File : VN074150.D
 Acq On : 26 Aug 2022 21:08
 Operator : JC\MD
 Sample : VSTDCCC050
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 08/27/2022
 Supervised By :Semsettin Yesilyurt 08/27/2022

Quant Time: Aug 27 00:23:49 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N081522W.M
 Quant Title : SW846 8260
 QLast Update : Fri Aug 26 06:44:47 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.016	168	452888	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.904	114	719923	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.686	117	669116	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.616	152	332637	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.369	65	274357	62.197	ug/l	0.00
Spiked Amount	50.000	Range	74 - 125	Recovery	= 124.400%	
35) Dibromofluoromethane	7.951	113	253248	59.482	ug/l	0.00
Spiked Amount	50.000	Range	75 - 124	Recovery	= 118.960%	
50) Toluene-d8	10.381	98	896596	54.375	ug/l	0.00
Spiked Amount	50.000	Range	86 - 113	Recovery	= 108.740%	
62) 4-Bromofluorobenzene	12.675	95	326971	59.749	ug/l	0.00
Spiked Amount	50.000	Range	83 - 123	Recovery	= 119.500%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.046	85	201875	56.216	ug/l	100
3) Chloromethane	2.269	50	184754	46.266	ug/l	98
4) Vinyl Chloride	2.405	62	253014	49.354	ug/l	98
5) Bromomethane	2.781	94	139744	43.652	ug/l	97
6) Chloroethane	2.952	64	174412	48.158	ug/l	98
7) Trichlorofluoromethane	3.305	101	371971	56.248	ug/l	99
8) Diethyl Ether	3.763	74	141501	57.641	ug/l	99
9) 1,1,2-Trichlorotrifluo...	4.134	101	190602	49.615	ug/l	96
10) Methyl Iodide	4.346	142	208807	45.274	ug/l	98
11) Tert butyl alcohol	5.304	59	301554	305.620	ug/l	100
12) 1,1-Dichloroethene	4.104	96	189262	52.950	ug/l	93
13) Acrolein	3.975	56	141123	204.335	ug/l	97
14) Allyl chloride	4.757	41	310357	58.628	ug/l	95
15) Acrylonitrile	5.469	53	817401	339.320	ug/l	99
16) Acetone	4.222	43	663653	318.894	ug/l	95
17) Carbon Disulfide	4.452	76	459809	54.102	ug/l	99
18) Methyl Acetate	4.775	43	360092	70.263	ug/l	100
19) Methyl tert-butyl Ether	5.534	73	737607	57.298	ug/l	97
20) Methylene Chloride	5.010	84	239858	54.619	ug/l	98
21) trans-1,2-Dichloroethene	5.510	96	212342	53.923	ug/l	96
22) Diisopropyl ether	6.416	45	695937	62.005	ug/l	96
23) Vinyl Acetate	6.351	43	3037363	315.790	ug/l	99
24) 1,1-Dichloroethane	6.304	63	411834	58.948	ug/l	99
25) 2-Butanone	7.263	43	1100871	333.617	ug/l	100
26) 2,2-Dichloropropane	7.251	77	227927	34.725	ug/l	97
27) cis-1,2-Dichloroethene	7.251	96	262551	54.039	ug/l	94
28) Bromochloromethane	7.587	49	156821	60.860	ug/l	95
29) Tetrahydrofuran	7.610	42	702345	331.802	ug/l	98
30) Chloroform	7.745	83	436833	55.917	ug/l	100
31) Cyclohexane	8.022	56	327056	53.186	ug/l	99
32) 1,1,1-Trichloroethane	7.945	97	368887	53.247	ug/l	97
36) 1,1-Dichloropropene	8.151	75	289218	48.907	ug/l	99
37) Ethyl Acetate	7.340	43	400041	55.838	ug/l	98
38) Carbon Tetrachloride	8.134	117	309992	45.861	ug/l	98
39) Methylcyclohexane	9.398	83	341579	46.098	ug/l	97
40) Benzene	8.392	78	974248	52.199	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.569	41	188811	58.318	ug/l	96
42) 1,2-Dichloroethane	8.463	62	329081	51.278	ug/l	98
43) Isopropyl Acetate	8.498	43	559654	54.835	ug/l	97
44) Trichloroethene	9.151	130	245666	45.572	ug/l	99
45) 1,2-Dichloropropane	9.428	63	244277	54.604	ug/l	95
46) Dibromomethane	9.516	93	174829	51.402	ug/l	96
47) Bromodichloromethane	9.698	83	341509	52.534	ug/l	99
48) Methyl methacrylate	9.498	41	255019	58.396	ug/l	93
49) 1,4-Dioxane	9.504	88	157257	1210.911	ug/l	95
51) 4-Methyl-2-Pentanone	10.269	43	2044483	296.287	ug/l	98
52) Toluene	10.445	92	613353	47.925	ug/l	100
53) t-1,3-Dichloropropene	10.663	75	336538	49.334	ug/l	99
54) cis-1,3-Dichloropropene	10.128	75	371762	49.809	ug/l	96
55) 1,1,2-Trichloroethane	10.839	97	267164	53.664	ug/l	99
56) Ethyl methacrylate	10.704	69	415656	58.538	ug/l	94
57) 1,3-Dichloropropane	10.986	76	445632	55.053	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.981	63	830573	250.103	ug/l	99
59) 2-Hexanone	11.028	43	1616156	304.329	ug/l	98
60) Dibromochloromethane	11.181	129	287051	52.139	ug/l	100
61) 1,2-Dibromoethane	11.286	107	276383	51.904	ug/l	100
64) Tetrachloroethene	10.916	164	214638	40.642	ug/l	99
65) Chlorobenzene	11.710	112	669989	47.115	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.780	131	260914	48.453	ug/l	98
67) Ethyl Benzene	11.786	91	1170822	49.508	ug/l	99
68) m/p-Xylenes	11.892	106	909775	94.681	ug/l	100
69) o-Xylene	12.222	106	463884	48.142	ug/l	98
70) Styrene	12.233	104	759714	50.360	ug/l	98
71) Bromoform	12.398	173	235997	49.087	ug/l #	100
73) Isopropylbenzene	12.522	105	1173475	48.447	ug/l	99
74) N-amyl acetate	12.327	43	467923	51.102	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.769	83	435100	53.530	ug/l	100
76) 1,2,3-Trichloropropane	12.822	75	367300m	53.125	ug/l	
77) Bromobenzene	12.798	156	308610	47.071	ug/l	97
78) n-propylbenzene	12.863	91	1314232	50.902	ug/l	99
79) 2-Chlorotoluene	12.945	91	808444	50.246	ug/l	99
80) 1,3,5-Trimethylbenzene	12.998	105	990560	50.278	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.569	75	117635	48.392	ug/l	96
82) 4-Chlorotoluene	13.045	91	779386	51.001	ug/l	98
83) tert-Butylbenzene	13.263	119	888830	49.026	ug/l	100
84) 1,2,4-Trimethylbenzene	13.310	105	988370	50.237	ug/l	100
85) sec-Butylbenzene	13.439	105	1201565	51.129	ug/l	99
86) p-Isopropyltoluene	13.557	119	1022934	51.095	ug/l	99
87) 1,3-Dichlorobenzene	13.551	146	539951	47.490	ug/l	99
88) 1,4-Dichlorobenzene	13.633	146	536657	46.574	ug/l	99
89) n-Butylbenzene	13.880	91	765453	48.271	ug/l	99
90) Hexachloroethane	14.151	117	181693	49.649	ug/l	93
91) 1,2-Dichlorobenzene	13.927	146	564110	48.046	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.539	75	101058	52.658	ug/l	92
93) 1,2,4-Trichlorobenzene	15.198	180	326413	45.678	ug/l	99
94) Hexachlorobutadiene	15.304	225	160021	42.481	ug/l	98
95) Naphthalene	15.433	128	1165719	50.038	ug/l	100
96) 1,2,3-Trichlorobenzene	15.627	180	350937	47.513	ug/l	99

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

