

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN010522\
 Data File : VN070483.D
 Acq On : 5 Jan 2022 12:30
 Operator : JC/MD
 Sample : VN0105WBS01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN0105WBS01

Manual Integrations
 APPROVED

Reviewed By : John Carlone 01/06/2022
 Supervised By : Mahesh Dadoda 01/11/2022

Quant Time: Jan 06 12:33:24 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N122721W.M
 Quant Title : SW846 8260
 QLast Update : Mon Dec 27 18:47:12 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.083	168	1017342	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.965	114	1655910	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	1508581	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.672	152	636713	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.434	65	688558	47.073	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery = 94.140%			
35) Dibromofluoromethane	8.019	113	507011	50.605	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery = 101.200%			
50) Toluene-d8	10.438	98	2055609	50.224	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery = 100.440%			
62) 4-Bromofluorobenzene	12.728	95	740354	50.083	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery = 100.160%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.073	85	204638	17.737	ug/l	97
3) Chloromethane	2.303	50	284059	18.100	ug/l	100
4) Vinyl Chloride	2.448	62	258170	18.068	ug/l	98
5) Bromomethane	2.858	94	146621	19.881	ug/l	100
6) Chloroethane	3.025	64	156263	18.159	ug/l	96
7) Trichlorofluoromethane	3.379	101	306247	17.807	ug/l	98
8) Diethyl Ether	3.821	74	143445	18.920	ug/l	80
9) 1,1,2-Trichlorotrifluo...	4.210	101	204291	19.421	ug/l	95
10) Methyl Iodide	4.422	142	262519	18.441	ug/l	97
11) Tert butyl alcohol	5.371	59	212414	87.214	ug/l	97
12) 1,1-Dichloroethene	4.183	96	191043	18.438	ug/l	93
13) Acrolein	4.038	56	131243	66.413	ug/l	100
14) Allyl chloride	4.840	41	449095	19.118	ug/l	85
15) Acrylonitrile	5.554	53	728356	95.834	ug/l	99
16) Acetone	4.285	43	876224	92.278	ug/l	99
17) Carbon Disulfide	4.529	76	483851	17.108	ug/l	99
18) Methyl Acetate	4.854	43	512244	18.649	ug/l	91
19) Methyl tert-butyl Ether	5.615	73	730979	18.997	ug/l	95
20) Methylene Chloride	5.095	84	245755	18.706	ug/l	87
21) trans-1,2-Dichloroethene	5.594	96	207138	18.882	ug/l	86
22) Diisopropyl ether	6.495	45	921956	20.150	ug/l #	92
23) Vinyl Acetate	6.433	43	3408081	96.002	ug/l #	94
24) 1,1-Dichloroethane	6.388	63	452060	19.054	ug/l	98
25) 2-Butanone	7.335	43	1126817	94.247	ug/l	92
26) 2,2-Dichloropropane	7.321	77	329327	17.596	ug/l	99
27) cis-1,2-Dichloroethene	7.324	96	251197	19.190	ug/l	86
28) Bromochloromethane	7.656	49	218599	18.841	ug/l #	77
29) Tetrahydrofuran	7.683	42	686486	96.236	ug/l	87
30) Chloroform	7.817	83	433353	18.934	ug/l	98
31) Cyclohexane	8.094	56	451489	19.560	ug/l	90
32) 1,1,1-Trichloroethane	8.013	97	345007	17.878	ug/l	96
36) 1,1-Dichloropropene	8.220	75	323783	19.535	ug/l	95
37) Ethyl Acetate	7.410	43	418468	19.478	ug/l	95
38) Carbon Tetrachloride	8.204	117	280310	17.711	ug/l	98
39) Methylcyclohexane	9.459	83	392392	19.555	ug/l	88
40) Benzene	8.458	78	1001791	19.715	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.635	41	214636	19.974	ug/l #	88
42) 1,2-Dichloroethane	8.528	62	354166	18.543	ug/l	99
43) Isopropyl Acetate	8.558	43	638289	18.844	ug/l #	95
44) Trichloroethene	9.215	130	230642	19.103	ug/l	95
45) 1,2-Dichloropropane	9.488	63	274030	20.030	ug/l	100
46) Dibromomethane	9.574	93	161867	19.027	ug/l	94
47) Bromodichloromethane	9.759	83	321145	19.012	ug/l	99
48) Methyl methacrylate	9.558	41	293933	18.193	ug/l #	85
49) 1,4-Dioxane	9.569	88	93200	394.078	ug/l #	80
51) 4-Methyl-2-Pentanone	10.328	43	2078511	97.658	ug/l	97
52) Toluene	10.502	92	610427	19.847	ug/l	98
53) t-1,3-Dichloropropene	10.717	75	339155	18.546	ug/l	99
54) cis-1,3-Dichloropropene	10.186	75	384175	19.420	ug/l	96
55) 1,1,2-Trichloroethane	10.896	97	239734	19.700	ug/l	97
56) Ethyl methacrylate	10.759	69	389530	19.372	ug/l	88
57) 1,3-Dichloropropane	11.041	76	430128	19.984	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.038	63	316188	75.516	ug/l	89
59) 2-Hexanone	11.084	43	1492180	96.139	ug/l	95
60) Dibromochloromethane	11.237	129	226141	19.046	ug/l	99
61) 1,2-Dibromoethane	11.344	107	232883	18.847	ug/l	100
64) Tetrachloroethene	10.977	164	207091	18.957	ug/l	95
65) Chlorobenzene	11.768	112	626997	19.588	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.838	131	214774	18.795	ug/l	99
67) Ethyl Benzene	11.843	91	1159407	19.769	ug/l	97
68) m/p-Xylenes	11.953	106	862942	40.423	ug/l	94
69) o-Xylene	12.277	106	421039	19.829	ug/l	90
70) Styrene	12.291	104	684719	20.374	ug/l	96
71) Bromoform	12.454	173	159157	18.767	ug/l #	99
73) Isopropylbenzene	12.575	105	1115314	18.863	ug/l	98
74) N-amyl acetate	12.387	43	424041	17.056	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.825	83	368559	18.056	ug/l	100
76) 1,2,3-Trichloropropane	12.878	75	314778m	18.520	ug/l	
77) Bromobenzene	12.859	156	252217	18.580	ug/l	79
78) n-propylbenzene	12.918	91	1269129	19.372	ug/l	96
79) 2-Chlorotoluene	13.004	91	787950	18.745	ug/l	93
80) 1,3,5-Trimethylbenzene	13.058	105	909054	19.185	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.623	75	88749	17.030	ug/l	97
82) 4-Chlorotoluene	13.104	91	745081	18.923	ug/l	93
83) tert-Butylbenzene	13.321	119	783457	18.778	ug/l	94
84) 1,2,4-Trimethylbenzene	13.366	105	887578	19.453	ug/l	98
85) sec-Butylbenzene	13.500	105	1096358	19.355	ug/l	97
86) p-Isopropyltoluene	13.613	119	860808	19.346	ug/l	97
87) 1,3-Dichlorobenzene	13.613	146	431875	19.005	ug/l	97
88) 1,4-Dichlorobenzene	13.694	146	416641	18.587	ug/l	97
89) n-Butylbenzene	13.940	91	668704	18.017	ug/l	97
90) Hexachloroethane	14.209	117	137539	17.793	ug/l	91
91) 1,2-Dichlorobenzene	13.986	146	413775	18.573	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.603	75	55175	16.108	ug/l	81
93) 1,2,4-Trichlorobenzene	15.260	180	176118	16.778	ug/l	98
94) Hexachlorobutadiene	15.367	225	124347	20.383	ug/l	97
95) Naphthalene	15.504	128	401129	15.127	ug/l	100
96) 1,2,3-Trichlorobenzene	15.700	180	169481	17.427	ug/l	99

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

