

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN121421\
 Data File : VN070065.D
 Acq On : 14 Dec 2021 12:31
 Operator : JC/MD
 Sample : VN1214WBS01
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VN1214WBS01

Quant Time: Dec 14 17:09:58 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N120221W.M
 Quant Title : SW846 8260
 QLast Update : Fri Dec 03 08:46:47 2021
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 12/15/2021
 Supervised By : Mahesh Dadoda 12/21/2021

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

Internal Standards						
1) Pentafluorobenzene	8.086	168	930934	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	1494782	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	1369455	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	578822	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	697980	48.560	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	97.120%		
35) Dibromofluoromethane	8.021	113	479894	51.254	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	102.500%		
50) Toluene-d8	10.440	98	1851718	49.254	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	98.500%		
62) 4-Bromofluorobenzene	12.731	95	652659	47.919	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	95.840%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.073	85	199379	18.363	ug/l	99
3) Chloromethane	2.303	50	245532	18.050	ug/l	98
4) Vinyl Chloride	2.448	62	225333	18.015	ug/l	99
5) Bromomethane	2.853	94	123173	18.126	ug/l	100
6) Chloroethane	3.019	64	135098	17.626	ug/l	97
7) Trichlorofluoromethane	3.373	101	297012	18.093	ug/l	99
8) Diethyl Ether	3.821	74	122625	19.395	ug/l	79
9) 1,1,2-Trichlorotrifluo...	4.205	101	185180	20.124	ug/l	96
10) Methyl Iodide	4.422	142	232038	18.458	ug/l	97
11) Tert butyl alcohol	5.377	59	215968	79.489	ug/l #	86
12) 1,1-Dichloroethene	4.178	96	166348	18.759	ug/l	88
13) Acrolein	4.039	56	175334	75.780	ug/l	100
14) Allyl chloride	4.838	41	386500	19.343	ug/l #	91
15) Acrylonitrile	5.554	53	675435	92.257	ug/l	99
16) Acetone	4.288	43	798835	92.389	ug/l	98
17) Carbon Disulfide	4.527	76	438749	19.152	ug/l	100
18) Methyl Acetate	4.857	43	467290	17.905	ug/l	90
19) Methyl tert-butyl Ether	5.621	73	642053	18.621	ug/l	95
20) Methylene Chloride	5.093	84	214156	18.631	ug/l	87
21) trans-1,2-Dichloroethene	5.597	96	179563	18.643	ug/l #	84
22) Diisopropyl ether	6.498	45	804271	20.593	ug/l	94
23) Vinyl Acetate	6.434	43	3033698	95.477	ug/l #	93
24) 1,1-Dichloroethane	6.388	63	400858	19.814	ug/l	98
25) 2-Butanone	7.337	43	1045221	88.971	ug/l	90
26) 2,2-Dichloropropane	7.324	77	284127	18.063	ug/l	96
27) cis-1,2-Dichloroethene	7.327	96	216529	18.608	ug/l	84
28) Bromochloromethane	7.657	49	203007	19.296	ug/l #	75
29) Tetrahydrofuran	7.686	42	645753	90.522	ug/l #	86
30) Chloroform	7.817	83	405941	19.868	ug/l	98
31) Cyclohexane	8.094	56	389926	19.493	ug/l	88
32) 1,1,1-Trichloroethane	8.013	97	333699	19.173	ug/l	95
36) 1,1-Dichloropropene	8.220	75	284711	20.008	ug/l	97
37) Ethyl Acetate	7.412	43	391468	18.483	ug/l #	95
38) Carbon Tetrachloride	8.204	117	272632	19.538	ug/l	96
39) Methylcyclohexane	9.459	83	329105	19.444	ug/l #	87
40) Benzene	8.458	78	872794	20.066	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.635	41	189852	19.095	ug/l	90
42) 1,2-Dichloroethane	8.531	62	345992	19.706	ug/l	97
43) Isopropyl Acetate	8.560	43	585552	18.683	ug/l #	94
44) Trichloroethene	9.215	130	200429	19.307	ug/l	89
45) 1,2-Dichloropropane	9.488	63	237516	20.335	ug/l	98
46) Dibromomethane	9.577	93	153842	20.083	ug/l	92
47) Bromodichloromethane	9.762	83	311978	21.511	ug/l	98
48) Methyl methacrylate	9.558	41	271960	18.594	ug/l	84
49) 1,4-Dioxane	9.569	88	94043	358.334	ug/l #	83
51) 4-Methyl-2-Pentanone	10.330	43	1978102	97.288	ug/l	94
52) Toluene	10.505	92	535433	20.164	ug/l	98
53) t-1,3-Dichloropropene	10.719	75	296695	18.850	ug/l	98
54) cis-1,3-Dichloropropene	10.188	75	331472	19.378	ug/l #	88
55) 1,1,2-Trichloroethane	10.899	97	212959	19.876	ug/l	95
56) Ethyl methacrylate	10.762	69	333923	18.044	ug/l #	87
57) 1,3-Dichloropropane	11.044	76	377340	20.002	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.041	63	324598	73.473	ug/l	90
59) 2-Hexanone	11.087	43	1411111	91.745	ug/l	92
60) Dibromochloromethane	11.237	129	218421	20.499	ug/l	99
61) 1,2-Dibromoethane	11.344	107	210219	18.943	ug/l	96
64) Tetrachloroethene	10.977	164	180422	19.430	ug/l	94
65) Chlorobenzene	11.771	112	548298	19.736	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.840	131	200650	20.520	ug/l	99
67) Ethyl Benzene	11.843	91	1020449	20.221	ug/l	96
68) m/p-Xylenes	11.953	106	751574	40.902	ug/l	92
69) o-Xylene	12.280	106	365181	19.730	ug/l	90
70) Styrene	12.294	104	594354	20.251	ug/l	95
71) Bromoform	12.457	173	156921	20.469	ug/l #	100
73) Isopropylbenzene	12.578	105	975822	18.948	ug/l	98
74) N-amyl acetate	12.388	43	389978	17.123	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.827	83	339751	19.078	ug/l	98
76) 1,2,3-Trichloropropane	12.881	75	306808m	18.483	ug/l	
77) Bromobenzene	12.860	156	226091	18.691	ug/l	78
78) n-propylbenzene	12.921	91	1107872	19.332	ug/l	96
79) 2-Chlorotoluene	13.007	91	692544	19.125	ug/l	93
80) 1,3,5-Trimethylbenzene	13.058	105	797373	19.237	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.626	75	79182	18.405	ug/l	88
82) 4-Chlorotoluene	13.104	91	659841	19.376	ug/l	91
83) tert-Butylbenzene	13.324	119	685729	18.683	ug/l	92
84) 1,2,4-Trimethylbenzene	13.369	105	786129	19.914	ug/l	96
85) sec-Butylbenzene	13.501	105	957321	19.229	ug/l	97
86) p-Isopropyltoluene	13.616	119	749204	19.253	ug/l	96
87) 1,3-Dichlorobenzene	13.616	146	380585	19.151	ug/l	96
88) 1,4-Dichlorobenzene	13.694	146	368943	18.892	ug/l	96
89) n-Butylbenzene	13.943	91	587453	18.610	ug/l	97
90) Hexachloroethane	14.209	117	132733	19.428	ug/l	87
91) 1,2-Dichlorobenzene	13.989	146	374714	19.352	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.603	75	56837	17.662	ug/l	74
93) 1,2,4-Trichlorobenzene	15.263	180	153776	18.139	ug/l	98
94) Hexachlorobutadiene	15.370	225	100481	19.581	ug/l	99
95) Naphthalene	15.507	128	370582	16.042	ug/l	99
96) 1,2,3-Trichlorobenzene	15.700	180	149897	17.843	ug/l	97

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

