

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN120721\
 Data File : VN069827.D
 Acq On : 7 Dec 2021 20:30
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : John Carlone 12/08/2021
 Supervised By : Amit Patel 12/14/2021

Quant Time: Dec 08 04:40:27 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

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

Internal Standards						
1) Pentafluorobenzene	8.086	168	1076304	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.965	114	1776889	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.744	117	1669493	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.675	152	704208	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	781269	47.013	ug/l	0.00
Spiked Amount 50.000	Range 61 - 141		Recovery =	94.020%		
35) Dibromofluoromethane	8.021	113	535505	48.113	ug/l	0.00
Spiked Amount 50.000	Range 69 - 133		Recovery =	96.220%		
50) Toluene-d8	10.440	98	2130248	47.666	ug/l	0.00
Spiked Amount 50.000	Range 65 - 126		Recovery =	95.340%		
62) 4-Bromofluorobenzene	12.731	95	771254	47.636	ug/l	0.00
Spiked Amount 50.000	Range 58 - 135		Recovery =	95.280%		
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.073	85	626019	49.868	ug/l	99
3) Chloromethane	2.303	50	729162	46.363	ug/l	99
4) Vinyl Chloride	2.448	62	698754	48.319	ug/l	98
5) Bromomethane	2.845	94	399429	50.841	ug/l	100
6) Chloroethane	3.017	64	428421	48.346	ug/l	98
7) Trichlorofluoromethane	3.376	101	904300	47.646	ug/l	97
8) Diethyl Ether	3.824	74	359023	49.115	ug/l	82
9) 1,1,2-Trichlorotrifluo...	4.207	101	529499	49.769	ug/l	96
10) Methyl Iodide	4.419	142	720791	49.592	ug/l	97
11) Tert butyl alcohol	5.382	59	642408	204.508	ug/l	98
12) 1,1-Dichloroethene	4.181	96	501074	48.875	ug/l	88
13) Acrolein	4.039	56	853241	318.964	ug/l	100
14) Allyl chloride	4.838	41	1145420	49.581	ug/l	93
15) Acrylonitrile	5.554	53	1954689	230.928	ug/l	98
16) Acetone	4.285	43	1870976	187.162	ug/l	98
17) Carbon Disulfide	4.527	76	1299027	49.045	ug/l	99
18) Methyl Acetate	4.857	43	1385773	45.926	ug/l	92
19) Methyl tert-butyl Ether	5.618	73	1991119	49.949	ug/l	97
20) Methylene Chloride	5.095	84	629041	47.335	ug/l #	85
21) trans-1,2-Dichloroethene	5.597	96	543446	48.803	ug/l	86
22) Diisopropyl ether	6.498	45	2321320	51.409	ug/l	95
23) Vinyl Acetate	6.434	43	9527871	259.363	ug/l	94
24) 1,1-Dichloroethane	6.388	63	1179975	50.447	ug/l	98
25) 2-Butanone	7.335	43	2897712	213.343	ug/l	91
26) 2,2-Dichloropropane	7.327	77	886067	48.722	ug/l	96
27) cis-1,2-Dichloroethene	7.327	96	658747	48.964	ug/l	86
28) Bromochloromethane	7.657	49	588437	48.378	ug/l #	78
29) Tetrahydrofuran	7.683	42	1874423	227.269	ug/l	88
30) Chloroform	7.817	83	1173813	49.690	ug/l	99
31) Cyclohexane	8.094	56	1107798	47.901	ug/l	87
32) 1,1,1-Trichloroethane	8.016	97	1010611	50.224	ug/l	95
36) 1,1-Dichloropropene	8.222	75	853468	50.455	ug/l	97
37) Ethyl Acetate	7.412	43	1169149	46.438	ug/l	96
38) Carbon Tetrachloride	8.206	117	846651	51.041	ug/l	99
39) Methylcyclohexane	9.459	83	1015299	50.461	ug/l	88
40) Benzene	8.461	78	2592895	50.149	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.638	41	580641	49.129	ug/l	90
42) 1,2-Dichloroethane	8.528	62	1027313	49.220	ug/l	96
43) Isopropyl Acetate	8.560	43	1832200	49.177	ug/l #	94
44) Trichloroethene	9.215	130	627530	50.851	ug/l	93
45) 1,2-Dichloropropane	9.491	63	705047	50.780	ug/l	99
46) Dibromomethane	9.577	93	457312	50.222	ug/l	93
47) Bromodichloromethane	9.762	83	909151	52.733	ug/l	99
48) Methyl methacrylate	9.561	41	927455	53.342	ug/l #	80
49) 1,4-Dioxane	9.569	88	251989	807.720	ug/l #	86
51) 4-Methyl-2-Pentanone	10.330	43	5962942	246.712	ug/l	95
52) Toluene	10.505	92	1615291	51.172	ug/l	99
53) t-1,3-Dichloropropene	10.717	75	974251	47.145	ug/l	98
54) cis-1,3-Dichloropropene	10.188	75	1059249	48.719	ug/l #	89
55) 1,1,2-Trichloroethane	10.899	97	642348	50.435	ug/l	98
56) Ethyl methacrylate	10.760	69	1112462	46.461	ug/l #	87
57) 1,3-Dichloropropane	11.044	76	1137496	50.722	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.041	63	1233159	194.433	ug/l	91
59) 2-Hexanone	11.084	43	4238157	231.801	ug/l	93
60) Dibromochloromethane	11.237	129	646675	47.512	ug/l	100
61) 1,2-Dibromoethane	11.344	107	666082	50.492	ug/l	100
64) Tetrachloroethene	10.977	164	557435	49.242	ug/l	96
65) Chlorobenzene	11.768	112	1713779	50.600	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.840	131	627248	52.618	ug/l	99
67) Ethyl Benzene	11.843	91	3189668	51.846	ug/l	96
68) m/p-Xylenes	11.953	106	2327221	103.890	ug/l	92
69) o-Xylene	12.280	106	1164520	51.610	ug/l	92
70) Styrene	12.294	104	1904607	53.232	ug/l	95
71) Bromoform	12.457	173	474815	46.757	ug/l #	99
73) Isopropylbenzene	12.578	105	3087044	49.271	ug/l	98
74) N-amyl acetate	12.387	43	1344269	48.515	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.825	83	1011090	46.667	ug/l	99
76) 1,2,3-Trichloropropane	12.878	75	923984m	45.753	ug/l	
77) Bromobenzene	12.860	156	704900	47.898	ug/l	79
78) n-propylbenzene	12.919	91	3509075	50.330	ug/l	96
79) 2-Chlorotoluene	13.007	91	2165514	49.155	ug/l	93
80) 1,3,5-Trimethylbenzene	13.058	105	2515649	49.884	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.624	75	269707	44.220	ug/l	94
82) 4-Chlorotoluene	13.104	91	2051555	49.518	ug/l	93
83) tert-Butylbenzene	13.323	119	2196392	49.187	ug/l	93
84) 1,2,4-Trimethylbenzene	13.366	105	2476472	51.564	ug/l	97
85) sec-Butylbenzene	13.501	105	3024814	49.940	ug/l	98
86) p-Isopropyltoluene	13.613	119	2426908	51.261	ug/l	96
87) 1,3-Dichlorobenzene	13.613	146	1179511	48.786	ug/l	96
88) 1,4-Dichlorobenzene	13.694	146	1146605	48.259	ug/l	98
89) n-Butylbenzene	13.940	91	1960841	51.057	ug/l	98
90) Hexachloroethane	14.209	117	432083	51.982	ug/l	87
91) 1,2-Dichlorobenzene	13.989	146	1142189	48.486	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.603	75	182483	46.610	ug/l	80
93) 1,2,4-Trichlorobenzene	15.263	180	539844	46.913	ug/l	97
94) Hexachlorobutadiene	15.367	225	295699	47.364	ug/l	99
95) Naphthalene	15.504	128	1531264	44.933	ug/l	100
96) 1,2,3-Trichlorobenzene	15.700	180	522419	46.571	ug/l	98

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

