

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN063021\
 Data File : VN067585.D
 Acq On : 30 Jun 2021 20:33
 Operator : JC/MD
 Sample : VSTDCCC050
 Misc : 5.00mL/MSVOA_N/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

MMDadoda
 7/2/2021 10:27:51 AM

Quant Time: Jul 01 01:30:45 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N062821W.M
 Quant Title : SW846 8260
 QLast Update : Mon Jun 28 14:31:03 2021
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	8.086	168	213618	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	404885	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.747	117	425433	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.678	152	220064	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.437	65	161282	55.166	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	=	110.340%
35) Dibromofluoromethane	8.021	113	121451	48.382	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	=	96.760%
50) Toluene-d8	10.443	98	551442	54.077	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	=	108.160%
62) 4-Bromofluorobenzene	12.734	95	209362	58.778	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	=	117.560%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.070	85	99308	44.937	ug/l	98
3) Chloromethane	2.301	50	137448	51.680	ug/l	99
4) Vinyl Chloride	2.440	62	219511	61.387	ug/l	96
5) Bromomethane	2.837	94	162592	61.809	ug/l	98
6) Chloroethane	3.009	64	154114	61.796	ug/l	100
7) Trichlorofluoromethane	3.368	101	404127	62.900	ug/l	99
8) Diethyl Ether	3.819	74	134588	90.406	ug/l	84
9) 1,1,2-Trichlorotrifluo...	4.197	101	93029	43.862	ug/l	97
10) Methyl Iodide	4.411	142	126206	45.652	ug/l	92
11) Tert butyl alcohol	5.390	59	107569	246.489	ug/l	100
12) 1,1-Dichloroethene	4.170	96	91535	44.148	ug/l	84
13) Acrolein	4.036	56	64845	225.757	ug/l	100
14) Allyl chloride	4.832	41	153330	45.238	ug/l #	90
15) Acrylonitrile	5.557	53	282395	251.767	ug/l	99
16) Acetone	4.288	43	213208	221.097	ug/l	93
17) Carbon Disulfide	4.521	76	243945	41.729	ug/l	98
18) Methyl Acetate	4.854	43	120667	46.910	ug/l	93
19) Methyl tert-butyl Ether	5.621	73	399385	50.233	ug/l	97
20) Methylene Chloride	5.093	84	117604	46.465	ug/l	89
21) trans-1,2-Dichloroethene	5.591	96	112549	47.864	ug/l	89
22) Diisopropyl ether	6.498	45	415626	56.470	ug/l	97
23) Vinyl Acetate	6.436	43	1591014	257.854	ug/l #	94
24) 1,1-Dichloroethane	6.385	63	218598	50.895	ug/l	99
25) 2-Butanone	7.340	43	423225	284.591	ug/l	93
26) 2,2-Dichloropropane	7.329	77	186867	46.944	ug/l	93
27) cis-1,2-Dichloroethene	7.327	96	145834	51.268	ug/l	86
28) Bromochloromethane	7.659	49	108192	53.828	ug/l #	80
29) Tetrahydrofuran	7.689	42	287966	290.798	ug/l	88
30) Chloroform	7.820	83	267033	56.515	ug/l	100
31) Cyclohexane	8.094	56	208616	52.478	ug/l	90
32) 1,1,1-Trichloroethane	8.016	97	237593	55.378	ug/l	96
36) 1,1-Dichloropropene	8.222	75	189801	51.926	ug/l	96
37) Ethyl Acetate	7.418	43	176637	52.627	ug/l	97
38) Carbon Tetrachloride	8.206	117	201217	51.389	ug/l	98
39) Methylcyclohexane	9.462	83	211364	47.771	ug/l	91
40) Benzene	8.461	78	581543	52.545	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.640	41	90362	54.006	ug/l #	90
42) 1,2-Dichloroethane	8.531	62	214028	56.027	ug/l	96
43) Isopropyl Acetate	8.566	43	324409	56.579	ug/l #	94
44) Trichloroethene	9.217	130	144342	50.075	ug/l	91
45) 1,2-Dichloropropane	9.494	63	146754	52.966	ug/l	98
46) Dibromomethane	9.580	93	108775	55.140	ug/l	97
47) Bromodichloromethane	9.765	83	215106	55.123	ug/l	98
48) Methyl methacrylate	9.563	41	141141	56.216	ug/l #	86
49) 1,4-Dioxane	9.574	88	51986	989.700	ug/l	88
51) 4-Methyl-2-Pentanone	10.336	43	1037318	299.874	ug/l	93
52) Toluene	10.507	92	432642	59.833	ug/l	100
53) t-1,3-Dichloropropene	10.722	75	242190	52.581	ug/l	99
54) cis-1,3-Dichloropropene	10.191	75	245820	55.557	ug/l #	88
55) 1,1,2-Trichloroethane	10.899	97	163007	57.771	ug/l	97
56) Ethyl methacrylate	10.765	69	260106	60.968	ug/l	86
57) 1,3-Dichloropropane	11.047	76	265634	58.161	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.044	63	278182	268.457	ug/l	92
59) 2-Hexanone	11.089	43	754873	309.098	ug/l	90
60) Dibromochloromethane	11.242	129	182581	53.395	ug/l	100
61) 1,2-Dibromoethane	11.347	107	174646	60.455	ug/l	100
64) Tetrachloroethene	10.980	164	144437	48.454	ug/l	97
65) Chlorobenzene	11.773	112	463552	53.102	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.843	131	174338	55.786	ug/l	100
67) Ethyl Benzene	11.848	91	861826	54.692	ug/l	96
68) m/p-Xylenes	11.956	106	685880	113.058	ug/l	84
69) o-Xylene	12.283	106	335992	55.916	ug/l	85
70) Styrene	12.296	104	561476	52.561	ug/l	92
71) Bromoform	12.460	173	126543	48.465	ug/l #	100
73) Isopropylbenzene	12.581	105	871067	47.070	ug/l	97
74) N-amyl acetate	12.390	43	294962	48.611	ug/l #	89
75) 1,1,2,2-Tetrachloroethane	12.830	83	246325	46.928	ug/l	99
76) 1,2,3-Trichloropropane	12.884	75	193652m	43.903	ug/l	
77) Bromobenzene	12.865	156	196568	47.875	ug/l	73
78) n-propylbenzene	12.924	91	967145	46.891	ug/l	94
79) 2-Chlorotoluene	13.010	91	593872	47.129	ug/l	89
80) 1,3,5-Trimethylbenzene	13.061	105	729312	48.089	ug/l	93
81) trans-1,4-Dichloro-2-b...	12.626	75	71128	46.361	ug/l	89
82) 4-Chlorotoluene	13.106	91	591816	48.059	ug/l	90
83) tert-Butylbenzene	13.326	119	609458	46.333	ug/l	88
84) 1,2,4-Trimethylbenzene	13.369	105	727226	48.702	ug/l	92
85) sec-Butylbenzene	13.503	105	835379	46.179	ug/l	96
86) p-Isopropyltoluene	13.619	119	694778	47.751	ug/l	93
87) 1,3-Dichlorobenzene	13.619	146	377891	49.708	ug/l	94
88) 1,4-Dichlorobenzene	13.696	146	374996	49.910	ug/l	95
89) n-Butylbenzene	13.943	91	552429	46.037	ug/l	98
90) Hexachloroethane	14.211	117	117943	46.061	ug/l	98
91) 1,2-Dichlorobenzene	13.991	146	363216	50.153	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	14.606	75	45678	49.747	ug/l	67
93) 1,2,4-Trichlorobenzene	15.268	180	152352	47.787	ug/l	100
94) Hexachlorobutadiene	15.373	225	67357	47.938	ug/l	99
95) Naphthalene	15.509	128	524001	48.394	ug/l	100
96) 1,2,3-Trichlorobenzene	15.702	180	148067	47.452	ug/l	99

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

