

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN062921\
 Data File : VN067568.D
 Acq On : 29 Jun 2021 21:22
 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

MMDadoda

7/5/2021 1:52:48 PM

Quant Time: Jun 30 03:41:56 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	229241	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.968	114	441965	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.746	117	455255	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.677	152	231072	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.440	65	172112	54.859	ug/l	0.00
Spiked Amount	50.000	Range	61 - 141	Recovery	= 109.720%	
35) Dibromofluoromethane	8.024	113	132687	48.423	ug/l	0.00
Spiked Amount	50.000	Range	69 - 133	Recovery	= 96.840%	
50) Toluene-d8	10.443	98	594526	53.410	ug/l	0.00
Spiked Amount	50.000	Range	65 - 126	Recovery	= 106.820%	
62) 4-Bromofluorobenzene	12.733	95	221385	56.939	ug/l	0.00
Spiked Amount	50.000	Range	58 - 135	Recovery	= 113.880%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	2.070	85	89064	37.555	ug/l	99
3) Chloromethane	2.301	50	138503	48.528	ug/l	98
4) Vinyl Chloride	2.440	62	225702	58.817	ug/l	96
5) Bromomethane	2.834	94	160863	56.984	ug/l	99
6) Chloroethane	3.006	64	161368	60.295	ug/l	95
7) Trichlorofluoromethane	3.365	101	426760	61.896	ug/l	99
8) Diethyl Ether	3.813	74	87919	55.033	ug/l	87
9) 1,1,2-Trichlorotrifluo...	4.202	101	93601	41.124	ug/l	98
10) Methyl Iodide	4.414	142	112188	37.815	ug/l	93
11) Tert butyl alcohol	5.390	59	103555	221.119	ug/l #	82
12) 1,1-Dichloroethene	4.173	96	89423	40.190	ug/l	87
13) Acrolein	4.036	56	58226	189.261	ug/l	99
14) Allyl chloride	4.835	41	156543	43.038	ug/l #	92
15) Acrylonitrile	5.559	53	288616	239.777	ug/l	99
16) Acetone	4.291	43	212523	205.367	ug/l	93
17) Carbon Disulfide	4.521	76	245628	39.154	ug/l	98
18) Methyl Acetate	4.854	43	127655	46.244	ug/l	93
19) Methyl tert-butyl Ether	5.618	73	411311	48.208	ug/l	100
20) Methylene Chloride	5.090	84	116665	42.938	ug/l	89
21) trans-1,2-Dichloroethene	5.591	96	116894	46.324	ug/l	87
22) Diisopropyl ether	6.498	45	443386	56.137	ug/l #	96
23) Vinyl Acetate	6.436	43	1890090	285.448	ug/l #	94
24) 1,1-Dichloroethane	6.385	63	227367	49.329	ug/l	98
25) 2-Butanone	7.340	43	450577	282.334	ug/l	92
26) 2,2-Dichloropropane	7.327	77	188901	44.221	ug/l	93
27) cis-1,2-Dichloroethene	7.327	96	154731	50.689	ug/l	85
28) Bromochloromethane	7.659	49	113383	52.566	ug/l #	76
29) Tetrahydrofuran	7.689	42	304746	286.770	ug/l	88
30) Chloroform	7.820	83	287368	56.674	ug/l	99
31) Cyclohexane	8.094	56	230894	54.175	ug/l	92
32) 1,1,1-Trichloroethane	8.016	97	261050	56.699	ug/l	97
36) 1,1-Dichloropropene	8.222	75	207317	51.960	ug/l	96
37) Ethyl Acetate	7.418	43	189925	51.838	ug/l	98
38) Carbon Tetrachloride	8.206	117	222163	51.978	ug/l	99
39) Methylcyclohexane	9.461	83	245252	50.779	ug/l	90
40) Benzene	8.461	78	637560	52.774	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.638	41	91755	50.238	ug/l #	88
42) 1,2-Dichloroethane	8.531	62	225034	53.966	ug/l	95
43) Isopropyl Acetate	8.566	43	343079	54.816	ug/l #	95
44) Trichloroethene	9.217	130	155818	49.521	ug/l	90
45) 1,2-Dichloropropane	9.491	63	157378	52.035	ug/l	100
46) Dibromomethane	9.579	93	118812	55.175	ug/l	97
47) Bromodichloromethane	9.764	83	235411	55.265	ug/l	97
48) Methyl methacrylate	9.563	41	148061	54.025	ug/l #	88
49) 1,4-Dioxane	9.574	88	58774	1024.107	ug/l	85
51) 4-Methyl-2-Pentanone	10.333	43	1084302	287.158	ug/l	92
52) Toluene	10.507	92	459691	58.240	ug/l	100
53) t-1,3-Dichloropropene	10.719	75	260408	51.827	ug/l	100
54) cis-1,3-Dichloropropene	10.191	75	261915	54.229	ug/l #	86
55) 1,1,2-Trichloroethane	10.902	97	173702	56.396	ug/l	96
56) Ethyl methacrylate	10.765	69	275880	59.240	ug/l #	84
57) 1,3-Dichloropropane	11.046	76	279194	56.001	ug/l	99
58) 2-Chloroethyl Vinyl ether	10.043	63	325920	286.545	ug/l	91
59) 2-Hexanone	11.089	43	779810	292.520	ug/l	89
60) Dibromochloromethane	11.242	129	192326	51.611	ug/l	99
61) 1,2-Dibromoethane	11.350	107	184021	58.355	ug/l	99
64) Tetrachloroethene	10.979	164	148490	46.550	ug/l	97
65) Chlorobenzene	11.773	112	487831	52.222	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.846	131	184823	55.267	ug/l	100
67) Ethyl Benzene	11.848	91	906604	53.765	ug/l	95
68) m/p-Xylenes	11.956	106	717897	110.584	ug/l	85
69) o-Xylene	12.283	106	353304	54.946	ug/l	85
70) Styrene	12.299	104	586242	51.330	ug/l	92
71) Bromoform	12.463	173	133210	47.732	ug/l #	100
73) Isopropylbenzene	12.583	105	917273	47.205	ug/l	96
74) N-amyl acetate	12.390	43	312129	48.990	ug/l #	89
75) 1,1,2,2-Tetrachloroethane	12.830	83	259350	47.056	ug/l	100
76) 1,2,3-Trichloropropane	12.884	75	218176m	47.106	ug/l	
77) Bromobenzene	12.865	156	204353	47.400	ug/l	73
78) n-propylbenzene	12.924	91	1033451	47.719	ug/l	94
79) 2-Chlorotoluene	13.010	91	617327	46.657	ug/l	90
80) 1,3,5-Trimethylbenzene	13.061	105	774006	48.605	ug/l	94
81) trans-1,4-Dichloro-2-b...	12.629	75	74610	46.314	ug/l	89
82) 4-Chlorotoluene	13.109	91	625784	48.396	ug/l	92
83) tert-Butylbenzene	13.326	119	663899	48.067	ug/l	87
84) 1,2,4-Trimethylbenzene	13.372	105	767360	48.941	ug/l	93
85) sec-Butylbenzene	13.503	105	906055	47.700	ug/l	96
86) p-Isopropyltoluene	13.618	119	762570	49.914	ug/l	93
87) 1,3-Dichlorobenzene	13.618	146	394127	49.374	ug/l	95
88) 1,4-Dichlorobenzene	13.696	146	391427	49.615	ug/l	96
89) n-Butylbenzene	13.946	91	603481	47.896	ug/l	97
90) Hexachloroethane	14.214	117	130879	48.678	ug/l	97
91) 1,2-Dichlorobenzene	13.991	146	382917	50.354	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	14.605	75	47593	49.364	ug/l	69
93) 1,2,4-Trichlorobenzene	15.265	180	160020	47.802	ug/l	100
94) Hexachlorobutadiene	15.372	225	69776	47.294	ug/l	99
95) Naphthalene	15.509	128	521482	46.033	ug/l	100
96) 1,2,3-Trichlorobenzene	15.702	180	153195	46.756	ug/l	99

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

