

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV063020\
 Data File : VV017274.D
 Acq On : 30 Jun 2020 22:04
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD00541

Quant Time: Jul 01 06:06:21 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR061720WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Jul 01 06:00:36 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	161905	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	159161	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	82729	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	43797	4.51	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	90.20%
7) Chloroethane-d5	1.58	69	37183	5.26	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	105.20%
11) 1,1-Dichloroethene-d2	2.13	63	94063	5.09	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	101.80%
20) 2-Butanone-d5	3.95	46	122647	49.52	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	99.04%
24) Chloroform-d	4.38	84	114306	5.50	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	110.00%
26) 1,2-Dichloroethane-d4	5.06	65	61308	5.56	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	111.20%
32) Benzene-d6	5.07	84	203035	4.92	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.40%
36) 1,2-Dichloropropane-d6	6.09	67	58878	4.76	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.20%
41) Toluene-d8	7.34	98	186162	4.81	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.20%
45) trans-1,3-Dichloropropene-	7.64	79	25747	5.00	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	100.00%
48) 2-Hexanone-d5	8.11	63	96487	49.19	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	98.38%
59) 1,1,2,2-Tetrachloroethane-	10.24	84	45850	5.58	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	111.60%
65) 1,2-Dichlorobenzene-d4	11.65	152	75265	4.92	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.40%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	1.14	85	65281	5.051	ug/L	97
3) Chloromethane	1.25	50	52657	4.808	ug/L	99
5) Vinyl chloride	1.32	62	53032	4.992	ug/L	98
6) Bromomethane	1.53	94	33036	5.335	ug/L	100
8) Chloroethane	1.60	64	38292	6.522	ug/L	97
9) Trichlorofluoromethane	1.77	101	100953	5.868	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	46821	5.460	ug/L	99
12) 1,1-Dichloroethene	2.14	96	41421	5.331	ug/L	86
13) Acetone	2.25	43	63237	50.512	ug/L	48
14) Carbon disulfide	2.31	76	124600	5.352	ug/L	98
15) Methyl Acetate	2.46	43	11724	3.830	ug/L #	76
16) Methylene chloride	2.52	84	45527	5.471	ug/L	97
17) Methyl tert-butyl Ether	2.79	73	109529	5.614	ug/L	99
18) trans-1,2-Dichloroethene	2.78	96	45652	5.544	ug/L	97
19) 1,1-Dichloroethane	3.21	63	102960	5.565	ug/L	98
21) 2-Butanone	4.04	43	110217	46.704	ug/L #	69
22) cis-1,2-Dichloroethene	3.94	96	57694	5.124	ug/L #	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.28	128	26759	5.592	ug/L	94
25) Chloroform	4.40	83	111678	5.526	ug/L	99
27) 1,2-Dichloroethane	5.16	62	71278	5.677	ug/L	100
29) 1,1,1-Trichloroethane	4.63	97	105383	5.527	ug/L	99
30) Cyclohexane	4.70	56	82517	4.548	ug/L	95
31) Carbon tetrachloride	4.85	117	94888	5.515	ug/L	99
33) Benzene	5.13	78	216585	5.196	ug/L	100
34) Trichloroethene	5.94	95	58924	4.828	ug/L	95
35) Methylcyclohexane	6.15	83	87804	4.628	ug/L	98
37) 1,2-Dichloropropane	6.20	63	53965	5.230	ug/L	99
38) Bromodichloromethane	6.53	83	76121	5.431	ug/L	98
39) cis-1,3-Dichloropropene	7.05	75	71784	4.683	ug/L	98
40) 4-Methyl-2-pentanone	7.25	43	304451	51.104	ug/L	99
42) Toluene	7.41	91	239614	4.945	ug/L	99
43) 1,3,5-Trimethylbenzene	10.56	105	220732	5.094	ug/L	100
44) 1,2,4-Trimethylbenzene	10.94	105	229437	5.199	ug/L	100
46) trans-1,3-Dichloropropene	7.67	75	65770	4.960	ug/L	100
47) 1,1,2-Trichloroethane	7.86	97	37950	5.186	ug/L	98
49) Tetrachloroethene	8.00	164	59114	6.017	ug/L	97
50) 2-Hexanone	8.16	43	217049	51.195	ug/L	100
51) Dibromochloromethane	8.27	129	51398	5.794	ug/L	97
52) 1,2-Dibromoethane	8.37	107	35249	5.079	ug/L	97
53) Chlorobenzene	8.90	112	154655	5.119	ug/L	97
54) Ethylbenzene	9.03	91	261847	5.062	ug/L	99
55) m,p-xylene	9.16	106	102579	5.056	ug/L	97
56) o-xylene	9.56	106	97244	5.136	ug/L	99
57) Styrene	9.58	104	167401	5.336	ug/L	96
58) Isopropylbenzene	9.95	105	268170	5.147	ug/L	99
60) 1,1,1,2-Tetrachloroethane	10.26	83	42661	5.636	ug/L	95
62) Bromoform	9.75	173	28216	6.375	ug/L	97
63) 1,3-Dichlorobenzene	11.20	146	130904	5.256	ug/L	98
64) 1,4-Dichlorobenzene	11.29	146	127369	5.032	ug/L	98
66) 1,2-Dichlorobenzene	11.67	146	119636	5.293	ug/L	97
67) 1,2-Dibromo-3-chloropropan	12.45	75	7366	5.892	ug/L	94
68) 1,3,5-Trichlorobenzene	12.67	180	97497	4.872	ug/L	98
69) 1,2,4-trichlorobenzene	13.29	180	79085	4.801	ug/L	99
70) Naphthalene	13.52	128	114989	4.943	ug/L	98
71) 1,2,3-Trichlorobenzene	13.76	180	71261	5.304	ug/L	99

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

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