

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV062520\
 Data File : VV017178.D
 Acq On : 26 Jun 2020 13:12
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 63 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD00539

Quant Time: Jun 26 13:32:18 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR061720WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Jun 26 05:12:03 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	171502	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	167220	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	93039	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	42588	4.14	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	82.80%
7) Chloroethane-d5	1.58	69	34521	4.61	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	92.20%
11) 1,1-Dichloroethene-d2	2.12	63	87679	4.48	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	89.60%
20) 2-Butanone-d5	3.96	46	106226	40.49	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	80.98%
24) Chloroform-d	4.38	84	104085	4.73	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.60%
26) 1,2-Dichloroethane-d4	5.06	65	55169	4.73	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.60%
32) Benzene-d6	5.07	84	188201	4.34	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.80%
36) 1,2-Dichloropropane-d6	6.09	67	55244	4.25	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	85.00%
41) Toluene-d8	7.33	98	175208	4.31	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	86.20%
45) trans-1,3-Dichloropropene-	7.64	79	23490	4.34	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	86.80%
48) 2-Hexanone-d5	8.12	63	87114	42.27	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	84.54%
59) 1,1,2,2-Tetrachloroethane-	10.24	84	41551	4.81	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.20%
65) 1,2-Dichlorobenzene-d4	11.65	152	70739	4.11	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	82.20%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	1.14	85	67494	4.930	ug/L	97
3) Chloromethane	1.25	50	53482	4.610	ug/L	98
5) Vinyl chloride	1.32	62	51310	4.559	ug/L	98
6) Bromomethane	1.53	94	26421	4.028	ug/L	99
8) Chloroethane	1.59	64	30349	4.880	ug/L	99
9) Trichlorofluoromethane	1.76	101	96709	5.307	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	46882	5.161	ug/L	99
12) 1,1-Dichloroethene	2.13	96	39852	4.842	ug/L	84
13) Acetone	2.24	43	55804	42.081	ug/L	69
14) Carbon disulfide	2.31	76	116013	4.704	ug/L	99
15) Methyl Acetate	2.47	43	13707	4.228	ug/L	99
16) Methylene chloride	2.52	84	42797	4.855	ug/L	97
17) Methyl tert-butyl Ether	2.79	73	102994	4.983	ug/L	97
18) trans-1,2-Dichloroethene	2.78	96	43705	5.011	ug/L	97
19) 1,1-Dichloroethane	3.21	63	88239	4.503	ug/L	99
21) 2-Butanone	4.04	43	108638	43.459	ug/L #	71
22) cis-1,2-Dichloroethene	3.94	96	57886	4.853	ug/L	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.27	128	25899	5.109	ug/L	96
25) Chloroform	4.40	83	109103	5.097	ug/L	99
27) 1,2-Dichloroethane	5.16	62	69254	5.208	ug/L	99
29) 1,1,1-Trichloroethane	4.63	97	104114	5.197	ug/L	100
30) Cyclohexane	4.69	56	82869	4.347	ug/L	96
31) Carbon tetrachloride	4.85	117	92718	5.129	ug/L	99
33) Benzene	5.12	78	221432	5.056	ug/L	100
34) Trichloroethene	5.94	95	60615	4.727	ug/L	97
35) Methylcyclohexane	6.15	83	88802	4.455	ug/L	97
37) 1,2-Dichloropropane	6.20	63	51278	4.730	ug/L	100
38) Bromodichloromethane	6.53	83	73675	5.003	ug/L	97
39) cis-1,3-Dichloropropene	7.05	75	76883	4.774	ug/L	97
40) 4-Methyl-2-pentanone	7.25	43	301321	48.141	ug/L	99
42) Toluene	7.41	91	238413	4.683	ug/L	95
43) 1,3,5-Trimethylbenzene	10.56	105	222662	4.890	ug/L	99
44) 1,2,4-Trimethylbenzene	10.94	105	233112	5.028	ug/L	100
46) trans-1,3-Dichloropropene	7.67	75	66671	4.785	ug/L	100
47) 1,1,2-Trichloroethane	7.86	97	39028	5.076	ug/L	96
49) Tetrachloroethene	7.99	164	50987	4.940	ug/L	98
50) 2-Hexanone	8.16	43	213498	47.931	ug/L	99
51) Dibromochloromethane	8.27	129	48484	5.202	ug/L	95
52) 1,2-Dibromoethane	8.37	107	35688	4.894	ug/L	96
53) Chlorobenzene	8.90	112	158135	4.982	ug/L	99
54) Ethylbenzene	9.03	91	266304	4.900	ug/L	99
55) m,p-xylene	9.16	106	105238	4.937	ug/L	98
56) o-xylene	9.56	106	96474	4.850	ug/L	97
57) Styrene	9.58	104	170316	5.168	ug/L	97
58) Isopropylbenzene	9.95	105	268824	4.911	ug/L	99
60) 1,1,1,2-Tetrachloroethane	10.26	83	43729	5.498	ug/L	96
62) Bromoform	9.75	173	25997	5.223	ug/L	99
63) 1,3-Dichlorobenzene	11.20	146	135873	4.851	ug/L	98
64) 1,4-Dichlorobenzene	11.29	146	137536	4.831	ug/L	99
66) 1,2-Dichlorobenzene	11.67	146	123587	4.862	ug/L	97
67) 1,2-Dibromo-3-chloropropan	12.45	75	7391	5.256	ug/L	95
68) 1,3,5-Trichlorobenzene	12.67	180	105790	4.701	ug/L	99
69) 1,2,4-trichlorobenzene	13.28	180	82967	4.479	ug/L	99
70) Naphthalene	13.53	128	120331	4.600	ug/L	99
71) 1,2,3-Trichlorobenzene	13.77	180	74106	4.905	ug/L	99

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

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