

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV061720\
 Data File : VV016965.D
 Acq On : 17 Jun 2020 17:32
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD00551

Quant Time: Jun 18 01:50:45 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR061720WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Jun 18 01:31:06 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	204041	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	187673	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	102616	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	58794	4.80	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	96.00%
7) Chloroethane-d5	1.58	69	46480	5.22	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	104.40%
11) 1,1-Dichloroethene-d2	2.13	63	109851	4.71	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	94.20%
20) 2-Butanone-d5	3.93	46	161764	51.83	ug/L	0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	103.66%
24) Chloroform-d	4.38	84	124829	4.76	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.20%
26) 1,2-Dichloroethane-d4	5.06	65	69162	4.98	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.60%
32) Benzene-d6	5.07	84	251759	5.17	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.40%
36) 1,2-Dichloropropane-d6	6.10	67	72964	5.01	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.20%
41) Toluene-d8	7.34	98	232318	5.09	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.80%
45) trans-1,3-Dichloropropene-	7.64	79	29456	4.85	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	97.00%
48) 2-Hexanone-d5	8.11	63	121585	52.56	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	105.12%
59) 1,1,2,2-Tetrachloroethane-	10.24	84	49637	5.12	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	102.40%
65) 1,2-Dichlorobenzene-d4	11.65	152	90012	4.75	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	95.00%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.14	85	80029	4.913 ug/L	99
3) Chloromethane	1.25	50	65406	4.739 ug/L	98
5) Vinyl chloride	1.32	62	64435	4.813 ug/L	99
6) Bromomethane	1.53	94	37294	4.779 ug/L	98
8) Chloroethane	1.60	64	37562	5.076 ug/L	99
9) Trichlorofluoromethane	1.77	101	103501	4.774 ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	52598	4.867 ug/L	99
12) 1,1-Dichloroethene	2.13	96	47015	4.801 ug/L	89
13) Acetone	2.22	43	78555	49.790 ug/L	98
14) Carbon disulfide	2.31	76	139444	4.753 ug/L	98
15) Methyl Acetate	2.45	43	18570	4.814 ug/L	98
16) Methylene chloride	2.52	84	51501	4.911 ug/L	98
17) Methyl tert-butyl Ether	2.79	73	119153	4.846 ug/L	98
18) trans-1,2-Dichloroethene	2.78	96	50369	4.854 ug/L	98
19) 1,1-Dichloroethane	3.21	63	106104	4.551 ug/L	98
21) 2-Butanone	4.02	43	155940	52.433 ug/L	99
22) cis-1,2-Dichloroethene	3.94	96	70133	4.942 ug/L	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.28	128	30416	5.044	ug/L	92
25) Chloroform	4.40	83	131764	5.174	ug/L	99
27) 1,2-Dichloroethane	5.16	62	79987	5.055	ug/L	99
29) 1,1,1-Trichloroethane	4.63	97	114309	5.084	ug/L	98
30) Cyclohexane	4.70	56	106140	4.961	ug/L	99
31) Carbon tetrachloride	4.85	117	101757	5.016	ug/L	99
33) Benzene	5.12	78	254935	5.187	ug/L	100
34) Trichloroethene	5.94	95	73933	5.137	ug/L	96
35) Methylcyclohexane	6.15	83	111858	5.000	ug/L	99
37) 1,2-Dichloropropane	6.20	63	63091	5.186	ug/L	98
38) Bromodichloromethane	6.53	83	83675	5.063	ug/L	99
39) cis-1,3-Dichloropropene	7.05	75	90310	4.996	ug/L	98
40) 4-Methyl-2-pentanone	7.25	43	369842	52.649	ug/L	100
42) Toluene	7.41	91	280416	4.907	ug/L	99
43) 1,3,5-Trimethylbenzene	10.56	105	263086	5.149	ug/L	100
44) 1,2,4-Trimethylbenzene	10.94	105	271179	5.212	ug/L	100
46) trans-1,3-Dichloropropene	7.67	75	77334	4.946	ug/L	99
47) 1,1,2-Trichloroethane	7.86	97	44156	5.117	ug/L	97
49) Tetrachloroethene	8.00	164	58086	5.014	ug/L	98
50) 2-Hexanone	8.16	43	267610	53.532	ug/L	99
51) Dibromochloromethane	8.27	129	53803	5.144	ug/L	97
52) 1,2-Dibromoethane	8.38	107	41505	5.072	ug/L	94
53) Chlorobenzene	8.90	112	179595	5.042	ug/L	99
54) Ethylbenzene	9.03	91	311178	5.102	ug/L	99
55) m,p-xylene	9.16	106	120572	5.040	ug/L	99
56) o-xylene	9.56	106	113834	5.099	ug/L	98
57) Styrene	9.58	104	195437	5.283	ug/L	97
58) Isopropylbenzene	9.95	105	318126	5.178	ug/L	100
60) 1,1,1,2-Tetrachloroethane	10.26	83	47098	5.277	ug/L	93
62) Bromoform	9.76	173	27047	4.927	ug/L	98
63) 1,3-Dichlorobenzene	11.20	146	151796	4.914	ug/L	97
64) 1,4-Dichlorobenzene	11.29	146	151617	4.829	ug/L	98
66) 1,2-Dichlorobenzene	11.67	146	138558	4.942	ug/L	99
67) 1,2-Dibromo-3-chloropropan	12.45	75	7003	4.516	ug/L	98
68) 1,3,5-Trichlorobenzene	12.67	180	117992	4.754	ug/L	98
69) 1,2,4-trichlorobenzene	13.28	180	95833	4.690	ug/L	98
70) Naphthalene	13.52	128	136279	4.723	ug/L	100
71) 1,2,3-Trichlorobenzene	13.77	180	80369	4.823	ug/L	98

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

