

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV061720\
 Data File : VV016956.D
 Acq On : 17 Jun 2020 10:20
 Operator : SY/MD
 Sample : VSTD00536
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD00536

Quant Time: Jun 18 00:56:25 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR061720WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Jun 18 00:53:45 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.64	114	215194	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.87	117	204355	5.00	ug/L	0.00
61) 1,4-Dichlorobenzene-d4	11.27	152	108492	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	63248	3.59	ug/L	0.00
7) Chloroethane-d5	1.58	69	46154	3.46	ug/L	0.00
11) 1,1-Dichloroethene-d2	2.13	63	118984	3.82	ug/L	0.00
20) 2-Butanone-d5	3.92	46	161089	41.38	ug/L	0.00
24) Chloroform-d	4.37	84	131327	4.28	ug/L	0.00
26) 1,2-Dichloroethane-d4	5.06	65	70252	4.38	ug/L	0.00
32) Benzene-d6	5.07	84	256663	4.52	ug/L	0.00
36) 1,2-Dichloropropane-d6	6.09	67	76310	4.36	ug/L	0.00
41) Toluene-d8	7.34	98	247643	4.74	ug/L	0.00
45) trans-1,3-Dichloropropene-	7.64	79	31342	4.89	ug/L	0.00
48) 2-Hexanone-d5	8.11	63	127374	43.83	ug/L	0.00
59) 1,1,2,2-Tetrachloroethane-	10.24	84	51346	4.21	ug/L	0.00
65) 1,2-Dichlorobenzene-d4	11.65	152	94580	4.72	ug/L	0.00

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.14	85	86080	4.967	ug/L 100
3) Chloromethane	1.25	50	72870	3.617	ug/L 100
5) Vinyl chloride	1.32	62	69252	3.852	ug/L 100
6) Bromomethane	1.53	94	39884	3.919	ug/L 100
8) Chloroethane	1.60	64	37982	3.567	ug/L 100
9) Trichlorofluoromethane	1.77	101	115228	4.581	ug/L 100
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	57127	4.137	ug/L 100
12) 1,1-Dichloroethene	2.13	96	52346	4.000	ug/L 100
13) Acetone	2.19	43	82604	32.051	ug/L 100
14) Carbon disulfide	2.31	76	149943	3.796	ug/L 100
15) Methyl Acetate	2.45	43	19259	3.013	ug/L 100
16) Methylene chloride	2.52	84	52890	3.798	ug/L 100
17) Methyl tert-butyl Ether	2.79	73	128579	4.162	ug/L 100
18) trans-1,2-Dichloroethene	2.78	96	52653	3.811	ug/L 100
19) 1,1-Dichloroethane	3.21	63	120961	4.347	ug/L 100
21) 2-Butanone	4.00	43	159972	41.874	ug/L 100
22) cis-1,2-Dichloroethene	3.94	96	73453	4.625	ug/L 100
23) Bromochloromethane	4.27	128	31993	5.089	ug/L 100
25) Chloroform	4.40	83	133818	4.709	ug/L 100
27) 1,2-Dichloroethane	5.15	62	81344	4.419	ug/L 100
29) 1,1,1-Trichloroethane	4.63	97	122390	5.112	ug/L 100
30) Cyclohexane	4.70	56	113013	4.509	ug/L 100
31) Carbon tetrachloride	4.85	117	108011	5.220	ug/L 100
33) Benzene	5.12	78	269025	4.575	ug/L 100
34) Trichloroethene	5.94	95	77167	4.926	ug/L 100
35) Methylcyclohexane	6.15	83	121132	4.816	ug/L 100
37) 1,2-Dichloropropane	6.20	63	65961	4.495	ug/L 100
38) Bromodichloromethane	6.53	83	87861	4.852	ug/L 100
39) cis-1,3-Dichloropropene	7.05	75	99128	4.955	ug/L 100
40) 4-Methyl-2-pentanone	7.25	43	388286	43.885	ug/L 100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) Toluene	7.41	91	302751	4.825	ug/L	100
43) 1,3,5-Trimethylbenzene	10.56	105	288962	5.156	ug/L	100
44) 1,2,4-Trimethylbenzene	10.94	105	299056	5.211	ug/L	100
46) trans-1,3-Dichloropropene	7.67	75	85617	5.177	ug/L	100
47) 1,1,2-Trichloroethane	7.86	97	47010	4.878	ug/L	100
49) Tetrachloroethene	8.00	164	62849	5.326	ug/L	100
50) 2-Hexanone	8.16	43	278893	45.145	ug/L	100
51) Dibromochloromethane	8.27	129	58145	5.560	ug/L	100
52) 1,2-Dibromoethane	8.37	107	44286	4.874	ug/L	100
53) Chlorobenzene	8.90	112	193854	4.869	ug/L	100
54) Ethylbenzene	9.03	91	340641	4.900	ug/L	100
55) m,p-xylene	9.16	106	130397	4.991	ug/L	100
56) o-xylene	9.56	106	123908	5.044	ug/L	100
57) Styrene	9.58	104	207767	4.982	ug/L	100
58) Isopropylbenzene	9.95	105	345864	5.131	ug/L	100
60) 1,1,2,2-Tetrachloroethane	10.26	83	49861	4.219	ug/L	100
62) Bromoform	9.75	173	28870	6.021	ug/L	100
63) 1,3-Dichlorobenzene	11.20	146	163461	4.962	ug/L	100
64) 1,4-Dichlorobenzene	11.29	146	162943	4.781	ug/L	100
66) 1,2-Dichlorobenzene	11.67	146	149020	4.844	ug/L	100
67) 1,2-Dibromo-3-chloropropan	12.45	75	7719	4.002	ug/L	100
68) 1,3,5-Trichlorobenzene	12.67	180	131477	5.408	ug/L	100
69) 1,2,4-trichlorobenzene	13.28	180	107249	5.161	ug/L	100
70) Naphthalene	13.53	128	152098	3.206	ug/L	100
71) 1,2,3-Trichlorobenzene	13.77	180	88784	4.879	ug/L	100

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

