

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV062218\
 Data File : VV006423.D
 Acq On : 22 Jun 2018 20:26
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25 mL/MSVOA V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD00579

Quant Time: Jun 23 00:40:56 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR053118WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Jun 22 23:56:13 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	293294	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	267112	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	129396	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	82232	5.13	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	102.60%
7) Chloroethane-d5	1.58	69	71599	5.58	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	111.60%
11) 1,1-Dichloroethene-d2	2.14	63	152490	4.90	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	98.00%
20) 2-Butanone-d5	3.97	46	205636	60.46	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	120.92%
24) Chloroform-d	4.41	84	160659	5.18	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.60%
26) 1,2-Dichloroethane-d4	5.09	65	77466	5.17	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.40%
32) Benzene-d6	5.11	84	324433	5.05	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.00%
36) 1,2-Dichloropropane-d6	6.12	67	100734	5.22	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	104.40%
41) Toluene-d8	7.37	98	295058	4.82	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.40%
43) trans-1,3-Dichloropropene-	7.67	79	32242	3.73	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	74.60%
46) 2-Hexanone-d5	8.14	63	172147	46.17	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	92.34%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	66687	4.77	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.40%
64) 1,2-Dichlorobenzene-d4	11.68	152	112903	5.03	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.60%

Target Compounds

						Ovalue
2) Dichlorodifluoromethane	1.14	85	107791	4.83	ug/L	99
3) Chloromethane	1.26	50	112725	6.03	ug/L	99
5) Vinyl chloride	1.32	62	122341	5.41	ug/L	100
6) Bromomethane	1.54	94	70756	5.89	ug/L	96
8) Chloroethane	1.60	64	75027	5.93	ug/L	99
9) Trichlorofluoromethane	1.77	101	145637	4.96	ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	90856	5.02	ug/L	99
12) 1,1-Dichloroethene	2.14	96	88856	5.28	ug/L	98
13) Acetone	2.22	43	122412	66.42	ug/L	93
14) Carbon disulfide	2.32	76	219751	3.90	ug/L	99
15) Methyl Acetate	2.47	43	35861	6.54	ug/L	94
16) Methylene chloride	2.54	84	100109	5.39	ug/L	99
17) Methyl tert-butyl Ether	2.82	73	219573	5.27	ug/L	97
18) trans-1,2-Dichloroethene	2.80	96	98698	5.37	ug/L	97
19) 1,1-Dichloroethane	3.23	63	171557	5.55	ug/L	99
21) 2-Butanone	4.05	43	199674	59.55	ug/L	94
22) cis-1,2-Dichloroethene	3.97	96	109003	5.49	ug/L #	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.31	128	44341	5.56	ug/L	99
25) Chloroform	4.44	83	177070	5.55	ug/L	96
27) 1,2-Dichloroethane	5.19	62	99644	5.44	ug/L	99
29) 1,1,1-Trichloroethane	4.67	97	140172	4.75	ug/L	99
30) Cyclohexane	4.73	56	137802	4.54	ug/L	98
31) Carbon tetrachloride	4.88	117	113694	4.37	ug/L	99
33) Benzene	5.15	78	402025	5.46	ug/L	100
34) Trichloroethene	5.96	95	124362	6.19	ug/L	98
35) Methylcyclohexane	6.18	83	155531	4.50	ug/L	100
37) 1,2-Dichloropropane	6.23	63	98349	5.57	ug/L	99
38) Bromodichloromethane	6.56	83	104495	4.45	ug/L	98
39) cis-1,3-Dichloropropene	7.08	75	127966	4.45	ug/L	99
40) 4-Methyl-2-pentanone	7.28	43	484362	53.08	ug/L	99
42) Toluene	7.44	91	418952	5.15	ug/L	99
44) trans-1,3-Dichloropropene	7.70	75	98888	4.24	ug/L	97
45) 1,1,2-Trichloroethane	7.89	97	68352	5.47	ug/L	98
47) Tetrachloroethene	8.02	164	82939	5.16	ug/L	98
48) 2-Hexanone	8.19	43	350207	54.61	ug/L	98
49) Dibromochloromethane	8.30	129	65745	4.18	ug/L	97
50) 1,2-Dibromoethane	8.40	107	62637	5.38	ug/L	100
51) Chlorobenzene	8.93	112	278148	5.33	ug/L	100
52) Ethylbenzene	9.06	91	451809	4.99	ug/L	100
53) m,p-xylene	9.19	106	176748	5.00	ug/L	97
54) o-xylene	9.59	106	171549	4.96	ug/L	100
55) Styrene	9.61	104	289773	5.10	ug/L	97
56) Isopropylbenzene	9.98	105	442268	4.86	ug/L	100
58) 1,1,1,2,2-Tetrachloroethane	10.29	83	64937	4.54	ug/L	99
59) 1,2,3-Trichloropropane	10.33	75	53971	5.43	ug/L	99
61) Bromoform	9.78	173	31635	3.60	ug/L	100
62) 1,3-Dichlorobenzene	11.23	146	207368	5.09	ug/L	99
63) 1,4-Dichlorobenzene	11.32	146	210158	5.21	ug/L	98
65) 1,2-Dichlorobenzene	11.70	146	200877	5.34	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.48	75	7571	3.06	ug/L	96
67) 1,3,5-Trichlorobenzene	12.70	180	160643	5.12	ug/L	99
68) 1,2,4-trichlorobenzene	13.32	180	121413	5.00	ug/L	99
69) Naphthalene	13.56	128	181509	4.45	ug/L	100
70) 1,2,3-Trichlorobenzene	13.80	180	114790	5.15	ug/L	99

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

