

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV121619\
 Data File : VV014062.D
 Acq On : 16 Dec 2019 10:25
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD00557

Quant Time: Dec 17 05:36:20 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR112219WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Dec 17 04:55:04 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	420461	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	389429	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	211476	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	166732	6.41	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	128.20%
7) Chloroethane-d5	1.58	69	135231	6.12	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	122.40%
11) 1,1-Dichloroethene-d2	2.13	63	258875	5.91	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	118.20%
20) 2-Butanone-d5	3.94	46	226821	41.93	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	83.86%
24) Chloroform-d	4.39	84	259513	4.95	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.00%
26) 1,2-Dichloroethane-d4	5.08	65	119677	4.79	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.80%
32) Benzene-d6	5.09	84	533166	5.31	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	106.20%
36) 1,2-Dichloropropane-d6	6.11	67	155189	5.18	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	103.60%
41) Toluene-d8	7.35	98	491725	5.22	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.40%
43) trans-1,3-Dichloropropene-	7.66	79	57672	4.95	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	99.00%
46) 2-Hexanone-d5	8.13	63	182179	42.38	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	84.76%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	96283	4.64	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	92.80%
64) 1,2-Dichlorobenzene-d4	11.67	152	180745	4.84	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	96.80%

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.14	85	132623	4.736 ug/L	98
3) Chloromethane	1.25	50	129266	5.256 ug/L	98
5) Vinyl chloride	1.32	62	134161	5.341 ug/L	98
6) Bromomethane	1.53	94	78506	5.935 ug/L	99
8) Chloroethane	1.60	64	81858	5.408 ug/L	100
9) Trichlorofluoromethane	1.77	101	200010	5.128 ug/L	98
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	124140	5.356 ug/L	99
12) 1,1-Dichloroethene	2.14	96	104763	5.182 ug/L	94
13) Acetone	2.21	43	165192	43.665 ug/L #	61
14) Carbon disulfide	2.32	76	221407	4.744 ug/L	99
15) Methyl Acetate	2.47	43	37654	4.446 ug/L	98
16) Methylene chloride	2.53	84	144077	5.203 ug/L	95
17) Methyl tert-butyl Ether	2.80	73	260056	4.701 ug/L	99
18) trans-1,2-Dichloroethene	2.79	96	109176	4.783 ug/L	98
19) 1,1-Dichloroethane	3.23	63	228761	5.020 ug/L	99
21) 2-Butanone	4.03	43	244941	42.834 ug/L	96
22) cis-1,2-Dichloroethene	3.96	96	127716	4.771 ug/L	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.29	128	56504	4.804	ug/L	91
25) Chloroform	4.42	83	241660	5.002	ug/L	99
27) 1,2-Dichloroethane	5.17	62	124614	4.507	ug/L	99
29) 1,1,1-Trichloroethane	4.65	97	200945	5.044	ug/L	99
30) Cyclohexane	4.72	56	159759	4.800	ug/L	99
31) Carbon tetrachloride	4.87	117	177061	5.052	ug/L	98
33) Benzene	5.14	78	476878	4.992	ug/L	100
34) Trichloroethene	5.95	95	131395	4.986	ug/L	98
35) Methylcyclohexane	6.17	83	168799	4.801	ug/L	95
37) 1,2-Dichloropropane	6.22	63	125512	5.112	ug/L	99
38) Bromodichloromethane	6.55	83	163772	5.056	ug/L	99
39) cis-1,3-Dichloropropene	7.06	75	168632	4.841	ug/L	98
40) 4-Methyl-2-pentanone	7.27	43	688500	48.062	ug/L	99
42) Toluene	7.42	91	515495	5.031	ug/L	100
44) trans-1,3-Dichloropropene	7.69	75	130456	4.784	ug/L	96
45) 1,1,2-Trichloroethane	7.88	97	85537	4.889	ug/L	96
47) Tetrachloroethene	8.01	164	112506	4.917	ug/L	96
48) 2-Hexanone	8.18	43	493460	48.260	ug/L	99
49) Dibromochloromethane	8.29	129	111061	4.949	ug/L	96
50) 1,2-Dibromoethane	8.39	107	76305	4.816	ug/L	97
51) Chlorobenzene	8.92	112	332830	4.669	ug/L	99
52) Ethylbenzene	9.05	91	532426	4.783	ug/L	98
53) m,p-xylene	9.18	106	209829	4.945	ug/L	94
54) o-xylene	9.58	106	196551	4.745	ug/L	94
55) Styrene	9.60	104	351434	4.913	ug/L	99
56) Isopropylbenzene	9.97	105	552466	4.894	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.28	83	92961	4.835	ug/L	100
59) 1,2,3-Trichloropropane	10.31	75	70991	4.711	ug/L	98
61) Bromoform	9.77	173	65019	4.885	ug/L	98
62) 1,3-Dichlorobenzene	11.22	146	298070	4.852	ug/L	99
63) 1,4-Dichlorobenzene	11.31	146	294324	4.707	ug/L	99
65) 1,2-Dichlorobenzene	11.68	146	276173	4.844	ug/L	98
66) 1,2-Dibromo-3-chloropropan	12.47	75	13570	4.095	ug/L	95
67) 1,3,5-Trichlorobenzene	12.69	180	259480	5.000	ug/L	99
68) 1,2,4-trichlorobenzene	13.31	180	194592	4.572	ug/L	100
69) Naphthalene	13.55	128	227655	3.928	ug/L	98
70) 1,2,3-Trichlorobenzene	13.79	180	181359	4.678	ug/L	96

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

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