

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV071519\
 Data File : VV011889.D
 Acq On : 15 Jul 2019 18:13
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25ML/MSVOA V/WATER
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD00537

Quant Time: Jul 16 04:00:17 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR071219WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Jul 16 03:56:26 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	173698	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	170243	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	82076	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	56479	4.33	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	86.60%
7) Chloroethane-d5	1.58	69	47160	4.57	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	91.40%
11) 1,1-Dichloroethene-d2	2.13	63	102388	4.97	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	99.40%
20) 2-Butanone-d5	3.96	46	147037	53.68	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	107.36%
24) Chloroform-d	4.40	84	116959	4.94	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.80%
26) 1,2-Dichloroethane-d4	5.08	65	59755	5.06	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.20%
32) Benzene-d6	5.10	84	221813	4.73	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.60%
36) 1,2-Dichloropropane-d6	6.12	67	68377	4.73	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.60%
41) Toluene-d8	7.36	98	209857	4.90	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.00%
43) trans-1,3-Dichloropropene-	7.66	79	24655	4.66	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	93.20%
46) 2-Hexanone-d5	8.13	63	107207	51.56	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	103.12%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	42907	4.79	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.80%
64) 1,2-Dichlorobenzene-d4	11.67	152	73291	4.83	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	96.60%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.14	85	79958	4.678	ug/L 99
3) Chloromethane	1.25	50	80829	4.800	ug/L 100
5) Vinyl chloride	1.32	62	78682	4.795	ug/L 99
6) Bromomethane	1.54	94	43602	4.658	ug/L 95
8) Chloroethane	1.60	64	47855	4.902	ug/L 99
9) Trichlorofluoromethane	1.77	101	106800	4.988	ug/L 100
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	54451	5.383	ug/L 98
12) 1,1-Dichloroethene	2.14	96	51192	5.516	ug/L 97
13) Acetone	2.21	43	93750	55.815	ug/L 98
14) Carbon disulfide	2.32	76	115565	4.630	ug/L 99
15) Methyl Acetate	2.47	43	23547	5.897	ug/L 99
16) Methylene chloride	2.53	84	55639	5.660	ug/L 98
17) Methyl tert-butyl Ether	2.81	73	138266	5.157	ug/L 97
18) trans-1,2-Dichloroethene	2.79	96	61418	4.981	ug/L 93
19) 1,1-Dichloroethane	3.23	63	120733	5.184	ug/L 99
21) 2-Butanone	4.04	43	162320	53.272	ug/L 98
22) cis-1,2-Dichloroethene	3.96	96	66354	5.024	ug/L 97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.30	128	26846	4.808	ug/L	91
25) Chloroform	4.43	83	126664	4.931	ug/L	99
27) 1,2-Dichloroethane	5.18	62	76596	5.182	ug/L	99
29) 1,1,1-Trichloroethane	4.66	97	102425	4.773	ug/L	97
30) Cyclohexane	4.72	56	106696	4.843	ug/L	96
31) Carbon tetrachloride	4.87	117	88530	4.825	ug/L	98
33) Benzene	5.15	78	263741	4.977	ug/L	100
34) Trichloroethene	5.96	95	71137	4.705	ug/L	96
35) Methylcyclohexane	6.17	83	107293	4.833	ug/L	96
37) 1,2-Dichloropropane	6.22	63	65503	4.937	ug/L	98
38) Bromodichloromethane	6.56	83	77786	4.846	ug/L	99
39) cis-1,3-Dichloropropene	7.07	75	88312	4.859	ug/L	97
40) 4-Methyl-2-pentanone	7.28	43	406689	51.569	ug/L	99
42) Toluene	7.43	91	279735	5.028	ug/L	100
44) trans-1,3-Dichloropropene	7.69	75	68448	4.859	ug/L	99
45) 1,1,2-Trichloroethane	7.88	97	43238	4.868	ug/L	99
47) Tetrachloroethene	8.02	164	52299	4.696	ug/L	97
48) 2-Hexanone	8.19	43	293738	51.852	ug/L	99
49) Dibromochloromethane	8.29	129	47233	4.836	ug/L	97
50) 1,2-Dibromoethane	8.40	107	39854	4.860	ug/L	100
51) Chlorobenzene	8.93	112	173477	4.821	ug/L	98
52) Ethylbenzene	9.05	91	304406	4.952	ug/L	100
53) m,p-xylene	9.18	106	117292	5.170	ug/L	96
54) o-xylene	9.59	106	109484	5.061	ug/L	99
55) Styrene	9.60	104	188880	5.176	ug/L	96
56) Isopropylbenzene	9.97	105	296177	5.018	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	10.29	83	42610	4.867	ug/L	98
59) 1,2,3-Trichloropropane	10.32	75	37464	4.749	ug/L	98
61) Bromoform	9.77	173	22162	4.861	ug/L	99
62) 1,3-Dichlorobenzene	11.22	146	130518	4.924	ug/L	99
63) 1,4-Dichlorobenzene	11.32	146	133632	4.869	ug/L	99
65) 1,2-Dichlorobenzene	11.69	146	123903	4.940	ug/L	97
66) 1,2-Dibromo-3-chloropropan	12.48	75	6954	4.510	ug/L	92
67) 1,3,5-Trichlorobenzene	12.69	180	100472	4.822	ug/L	98
68) 1,2,4-trichlorobenzene	13.31	180	81020	4.911	ug/L	100
69) Naphthalene	13.55	128	121272	4.977	ug/L	100
70) 1,2,3-Trichlorobenzene	13.79	180	75312	5.027	ug/L	99

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

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