

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV071719\
 Data File : VV011907.D
 Acq On : 17 Jul 2019 12:48
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25ML/MSVOA V/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD00539

Quant Time: Jul 18 02:13:28 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR071719WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Jul 18 02:08:26 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	172676	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	165505	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	80054	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	62430	4.92	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	98.40%
7) Chloroethane-d5	1.58	69	49386	4.70	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	94.00%
11) 1,1-Dichloroethene-d2	2.13	63	107867	5.20	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	104.00%
20) 2-Butanone-d5	3.96	46	161119	50.30	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	100.60%
24) Chloroform-d	4.40	84	124356	4.89	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.80%
26) 1,2-Dichloroethane-d4	5.08	65	63608	4.88	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.60%
32) Benzene-d6	5.10	84	243075	5.05	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.00%
36) 1,2-Dichloropropane-d6	6.12	67	74488	5.05	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	101.00%
41) Toluene-d8	7.36	98	226621	5.16	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	103.20%
43) trans-1,3-Dichloropropene-	7.66	79	27893	5.11	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	102.20%
46) 2-Hexanone-d5	8.14	63	112884	51.36	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	102.72%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	43696	4.72	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.40%
64) 1,2-Dichlorobenzene-d4	11.67	152	80132	5.01	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.20%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.14	85	85194	4.818	ug/L 99
3) Chloromethane	1.25	50	81780	4.772	ug/L 99
5) Vinyl chloride	1.32	62	78748	4.777	ug/L 99
6) Bromomethane	1.54	94	45174	4.724	ug/L 99
8) Chloroethane	1.60	64	42436	4.526	ug/L 100
9) Trichlorofluoromethane	1.77	101	97810	4.718	ug/L 97
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	53999	5.392	ug/L 98
12) 1,1-Dichloroethene	2.14	96	47879	5.202	ug/L 94
13) Acetone	2.21	43	83536	51.389	ug/L 98
14) Carbon disulfide	2.32	76	116427	4.462	ug/L 99
15) Methyl Acetate	2.47	43	16563	4.792	ug/L 99
16) Methylene chloride	2.53	84	43591	4.518	ug/L 99
17) Methyl tert-butyl Ether	2.81	73	133411	4.792	ug/L 99
18) trans-1,2-Dichloroethene	2.79	96	62020	4.793	ug/L 99
19) 1,1-Dichloroethane	3.23	63	116212	4.763	ug/L 99
21) 2-Butanone	4.04	43	154017	48.323	ug/L 98
22) cis-1,2-Dichloroethene	3.96	96	62976	4.728	ug/L 98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.30	128	25981	4.767	ug/L	98
25) Chloroform	4.43	83	120390	4.575	ug/L	96
27) 1,2-Dichloroethane	5.18	62	74596	4.813	ug/L	98
29) 1,1,1-Trichloroethane	4.66	97	97618	4.799	ug/L	99
30) Cyclohexane	4.72	56	106830	4.933	ug/L	99
31) Carbon tetrachloride	4.87	117	84922	4.781	ug/L	100
33) Benzene	5.15	78	252038	4.867	ug/L	100
34) Trichloroethene	5.96	95	71285	4.953	ug/L	98
35) Methylcyclohexane	6.17	83	109718	5.025	ug/L	99
37) 1,2-Dichloropropane	6.22	63	63591	5.031	ug/L	99
38) Bromodichloromethane	6.56	83	74177	4.791	ug/L	97
39) cis-1,3-Dichloropropene	7.07	75	87380	5.049	ug/L	98
40) 4-Methyl-2-pentanone	7.28	43	380719	50.120	ug/L	100
42) Toluene	7.43	91	271557	4.997	ug/L	99
44) trans-1,3-Dichloropropene	7.69	75	68099	4.951	ug/L	97
45) 1,1,2-Trichloroethane	7.88	97	40442	4.733	ug/L	98
47) Tetrachloroethene	8.02	164	51922	4.901	ug/L	98
48) 2-Hexanone	8.19	43	273901	50.372	ug/L	99
49) Dibromochloromethane	8.29	129	44065	4.755	ug/L	98
50) 1,2-Dibromoethane	8.40	107	37749	4.800	ug/L	97
51) Chlorobenzene	8.92	112	166828	4.863	ug/L	98
52) Ethylbenzene	9.05	91	297270	4.977	ug/L	98
53) m,p-xylene	9.18	106	111513	5.012	ug/L	99
54) o-xylene	9.59	106	106619	5.144	ug/L	96
55) Styrene	9.60	104	179549	5.099	ug/L	99
56) Isopropylbenzene	9.97	105	289566	5.087	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	10.29	83	38562	4.731	ug/L	98
59) 1,2,3-Trichloropropane	10.32	75	35682	4.759	ug/L	98
61) Bromoform	9.77	173	21268	4.748	ug/L	99
62) 1,3-Dichlorobenzene	11.23	146	129658	5.031	ug/L	99
63) 1,4-Dichlorobenzene	11.32	146	130395	4.918	ug/L	99
65) 1,2-Dichlorobenzene	11.69	146	120872	5.007	ug/L	97
66) 1,2-Dibromo-3-chloropropan	12.48	75	6524	4.760	ug/L	96
67) 1,3,5-Trichlorobenzene	12.69	180	101332	5.010	ug/L	97
68) 1,2,4-trichlorobenzene	13.31	180	84801	5.313	ug/L	99
69) Naphthalene	13.55	128	128076	5.224	ug/L	100
70) 1,2,3-Trichlorobenzene	13.79	180	76906	5.344	ug/L	99

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

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