

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV080219\
 Data File : VV012097.D
 Acq On : 02 Aug 2019 13:24
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25ML/MSVOA V/WATER
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD00558

Quant Time: Aug 02 23:58:23 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SFAMVTR072919WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Aug 02 23:54:58 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	160222	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	150800	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.29	152	84412	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	33382	3.68	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	73.60%
7) Chloroethane-d5	1.59	69	25212	3.96	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	79.20%
11) 1,1-Dichloroethene-d2	2.13	63	69960	4.26	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	85.20%
20) 2-Butanone-d5	3.94	46	80030	38.86	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	77.72%
24) Chloroform-d	4.40	84	92641	4.73	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.60%
26) 1,2-Dichloroethane-d4	5.08	65	46617	4.40	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.00%
32) Benzene-d6	5.10	84	164567	4.33	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.60%
36) 1,2-Dichloropropane-d6	6.12	67	42767	4.03	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	80.60%
41) Toluene-d8	7.36	98	164881	4.47	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.40%
43) trans-1,3-Dichloropropene-	7.66	79	21701	4.67	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	93.40%
46) 2-Hexanone-d5	8.13	63	64338	39.17	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	78.34%
56) 1,1,2,2-Tetrachloroethane-	10.26	84	32763	4.11	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	82.20%
66) 1,2-Dichlorobenzene-d4	11.67	152	66907	4.45	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	89.00%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	1.14	85	76943	4.214	ug/L	97
3) Chloromethane	1.25	50	42922	4.106	ug/L	99
5) Vinyl chloride	1.32	62	41921	3.920	ug/L	100
6) Bromomethane	1.54	94	22864	3.577	ug/L	99
8) Chloroethane	1.60	64	22693	3.905	ug/L	99
9) Trichlorofluoromethane	1.77	101	84094	4.597	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	36853	4.638	ug/L	97
12) 1,1-Dichloroethene	2.14	96	32957	4.477	ug/L	90
13) Acetone	2.20	43	46154	40.723	ug/L	97
14) Carbon disulfide	2.32	76	89019	4.331	ug/L	100
15) Methyl Acetate	2.46	43	9164	3.934	ug/L	96
16) Methylene chloride	2.53	84	34032	4.508	ug/L	89
17) Methyl tert-butyl Ether	2.80	73	109898	4.748	ug/L	98
18) trans-1,2-Dichloroethene	2.79	96	48113	4.536	ug/L	93
19) 1,1-Dichloroethane	3.23	63	84246	4.442	ug/L	99
21) 2-Butanone	4.03	43	92948	41.564	ug/L	98
22) cis-1,2-Dichloroethene	3.96	96	52307	4.632	ug/L	92

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)

23) Bromochloromethane	4.30	128	23711	4.787	ug/L	88
25) Chloroform	4.42	83	99032	4.164	ug/L	100
27) 1,2-Dichloroethane	5.18	62	63380	4.829	ug/L	97
29) 1,1,1-Trichloroethane	4.66	97	95992	5.149	ug/L	98
30) Cyclohexane	4.72	56	69238	4.342	ug/L	98
31) Carbon tetrachloride	4.87	117	90450	5.393	ug/L	100
33) Benzene	5.14	78	190165	4.642	ug/L	100
34) Trichloroethene	5.96	95	55319	4.735	ug/L	99
35) Methylcyclohexane	6.17	83	83769	4.577	ug/L	97
37) 1,2-Dichloropropane	6.22	63	41083	4.335	ug/L #	97
38) Bromodichloromethane	6.55	83	67319	5.031	ug/L #	98
39) cis-1,3-Dichloropropene	7.07	75	71005	4.778	ug/L	98
40) 4-Methyl-2-pentanone	7.27	43	230424	43.104	ug/L	99
42) Toluene	7.43	91	215217	4.725	ug/L	99
44) trans-1,3-Dichloropropene	7.69	75	58708	4.886	ug/L	100
45) 1,1,2-Trichloroethane	7.88	97	32712	4.526	ug/L	96
47) Tetrachloroethene	8.02	164	52177	5.111	ug/L	97
48) 2-Hexanone	8.18	43	165175	43.719	ug/L	98
49) Dibromochloromethane	8.29	129	45845	5.173	ug/L	98
50) 1,2-Dibromoethane	8.40	107	31778	4.704	ug/L	100
51) Chlorobenzene	8.92	112	144898	4.758	ug/L	99
52) Ethylbenzene	9.05	91	245398	4.722	ug/L	99
53) m,p-xylene	9.18	106	94383	4.771	ug/L	95
54) o-xylene	9.59	106	91611	4.892	ug/L	95
55) Styrene	9.60	104	155124	4.917	ug/L	99
57) 1,1,2,2-Tetrachloroethane	10.28	83	36286	4.678	ug/L	99
59) Bromoform	9.77	173	26753	5.243	ug/L	95
60) Isopropylbenzene	9.97	105	258625	4.796	ug/L	99
61) 1,2,3-Trichloropropane	10.32	75	27470	4.465	ug/L	97
62) 1,3,5-Trimethylbenzene	10.58	105	220433	4.950	ug/L	99
63) 1,2,4-Trimethylbenzene	10.95	105	222776	5.035	ug/L	100
64) 1,3-Dichlorobenzene	11.22	146	128826	4.794	ug/L	100
65) 1,4-Dichlorobenzene	11.31	146	130446	4.763	ug/L	98
67) 1,2-Dichlorobenzene	11.69	146	115911	4.746	ug/L	99
68) 1,2-Dibromo-3-chloropropan	12.48	75	6915	5.451	ug/L	97
69) 1,3,5-Trichlorobenzene	12.69	180	110389	4.969	ug/L	100
70) 1,2,4-trichlorobenzene	13.31	180	91185	5.186	ug/L	98
71) Naphthalene	13.55	128	122786	5.033	ug/L	99
72) 1,2,3-Trichlorobenzene	13.79	180	79063	5.074	ug/L	99

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

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