

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV080219\
 Data File : VV012093.D
 Acq On : 02 Aug 2019 09:37
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25ML/MSVOA V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD00557

Quant Time: Aug 07 11:37:40 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	140984	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	135920	5.00	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	11.29	152	75137	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	36401	4.56	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	91.20%
7) Chloroethane-d5	1.58	69	27335	4.89	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	97.80%
11) 1,1-Dichloroethene-d2	2.13	63	72876	5.04	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	100.80%
20) 2-Butanone-d5	3.95	46	86934	47.97	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	95.94%
24) Chloroform-d	4.40	84	98989	5.74	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	114.80%
26) 1,2-Dichloroethane-d4	5.08	65	52095	5.59	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	111.80%
32) Benzene-d6	5.10	84	177720	5.19	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.80%
36) 1,2-Dichloropropane-d6	6.12	67	46827	4.89	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.80%
41) Toluene-d8	7.36	98	178398	5.37	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	107.40%
43) trans-1,3-Dichloropropene-	7.66	79	23285	5.56	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	111.20%
46) 2-Hexanone-d5	8.13	63	72160	48.74	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	97.48%
56) 1,1,2,2-Tetrachloroethane-	10.26	84	36237	5.04	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	100.80%
66) 1,2-Dichlorobenzene-d4	11.67	152	71598	5.35	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	107.00%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.14	85	78265	4.871 ug/L	99
3) Chloromethane	1.25	50	41042	4.462 ug/L	99
5) Vinyl chloride	1.32	62	39868	4.237 ug/L	95
6) Bromomethane	1.53	94	22603	4.019 ug/L	99
8) Chloroethane	1.60	64	22788	4.457 ug/L	97
9) Trichlorofluoromethane	1.77	101	81536	5.066 ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	36701	5.249 ug/L	98
12) 1,1-Dichloroethene	2.14	96	33741	5.209 ug/L	89
13) Acetone	2.22	43	46521	46.648 ug/L	98
14) Carbon disulfide	2.32	76	87710	4.850 ug/L	98
15) Methyl Acetate	2.47	43	9325	4.550 ug/L	99
16) Methylene chloride	2.53	84	33437	5.034 ug/L	93
17) Methyl tert-butyl Ether	2.80	73	110524	5.427 ug/L	96
18) trans-1,2-Dichloroethene	2.79	96	47558	5.096 ug/L	93
19) 1,1-Dichloroethane	3.23	63	81422	4.879 ug/L	97
21) 2-Butanone	4.04	43	93920	47.730 ug/L	95
22) cis-1,2-Dichloroethene	3.96	96	51249	5.157 ug/L	97

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

23) Bromochloromethane	4.30	128	24379	5.593	ug/L #	82
25) Chloroform	4.42	83	96624	4.617	ug/L	100
27) 1,2-Dichloroethane	5.18	62	62956	5.451	ug/L	98
29) 1,1,1-Trichloroethane	4.66	97	94586	5.629	ug/L	97
30) Cyclohexane	4.72	56	68108	4.739	ug/L	95
31) Carbon tetrachloride	4.87	117	88583	5.859	ug/L	100
33) Benzene	5.14	78	187185	5.070	ug/L	100
34) Trichloroethene	5.96	95	52650	5.000	ug/L	94
35) Methylcyclohexane	6.17	83	83879	5.084	ug/L	94
37) 1,2-Dichloropropane	6.22	63	43138	5.050	ug/L	100
38) Bromodichloromethane	6.55	83	66442	5.509	ug/L	97
39) cis-1,3-Dichloropropene	7.07	75	69859	5.216	ug/L	99
40) 4-Methyl-2-pentanone	7.27	43	227721	47.261	ug/L	98
42) Toluene	7.43	91	213376	5.198	ug/L	100
44) trans-1,3-Dichloropropene	7.69	75	57858	5.343	ug/L	97
45) 1,1,2-Trichloroethane	7.88	97	32123	4.931	ug/L	94
47) Tetrachloroethene	8.02	164	50895	5.531	ug/L	95
48) 2-Hexanone	8.18	43	166201	48.807	ug/L	97
49) Dibromochloromethane	8.29	129	47201	5.910	ug/L	95
50) 1,2-Dibromoethane	8.40	107	31867	5.234	ug/L	100
51) Chlorobenzene	8.92	112	140426	5.116	ug/L	98
52) Ethylbenzene	9.05	91	241920	5.164	ug/L	100
53) m,p-xylene	9.18	106	94551	5.302	ug/L	95
54) o-xylene	9.59	106	90128	5.340	ug/L	92
55) Styrene	9.60	104	152304	5.356	ug/L	98
57) 1,1,2,2-Tetrachloroethane	10.28	83	35480	5.075	ug/L #	98
59) Bromoform	9.77	173	27178	5.984	ug/L	97
60) Isopropylbenzene	9.97	105	252275	5.256	ug/L	99
61) 1,2,3-Trichloropropane	10.32	75	26170	4.779	ug/L	99
62) 1,3,5-Trimethylbenzene	10.58	105	217788	5.495	ug/L	97
63) 1,2,4-Trimethylbenzene	10.96	105	215667	5.476	ug/L	100
64) 1,3-Dichlorobenzene	11.23	146	126832	5.302	ug/L	99
65) 1,4-Dichlorobenzene	11.32	146	122876	5.041	ug/L	96
67) 1,2-Dichlorobenzene	11.69	146	112582	5.179	ug/L	99
68) 1,2-Dibromo-3-chloropropan	12.47	75	7294	6.460	ug/L	97
69) 1,3,5-Trichlorobenzene	12.69	180	109397	5.532	ug/L	97
70) 1,2,4-trichlorobenzene	13.31	180	89633	5.727	ug/L	99
71) Naphthalene	13.55	128	123451	5.685	ug/L	99
72) 1,2,3-Trichlorobenzene	13.79	180	79164	5.707	ug/L	98

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

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