

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV120718\
 Data File : VV008875.D
 Acq On : 07 Dec 2018 14:23
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0 mL/MSVOA V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD00571

Quant Time: Dec 07 22:20:41 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR120518WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Dec 06 04:51:41 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	125188	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	114908	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	57590	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	24803	3.72	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	74.40%
7) Chloroethane-d5	1.59	69	20018	4.06	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	81.20%
11) 1,1-Dichloroethene-d2	2.14	63	63295	4.92	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	98.40%
20) 2-Butanone-d5	3.97	46	73082	44.32	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	88.64%
24) Chloroform-d	4.40	84	65305	4.21	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.20%
26) 1,2-Dichloroethane-d4	5.08	65	32244	4.39	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.80%
32) Benzene-d6	5.10	84	125765	4.19	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	83.80%
36) 1,2-Dichloropropane-d6	6.12	67	37286	4.23	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	84.60%
41) Toluene-d8	7.36	98	119610	4.21	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.20%
43) trans-1,3-Dichloropropene-	7.67	79	14738	4.43	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	88.60%
46) 2-Hexanone-d5	8.14	63	60427	47.63	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	95.26%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	26181	4.43	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	88.60%
64) 1,2-Dichlorobenzene-d4	11.68	152	45101	4.25	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	85.00%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.14	85	54939	4.619	ug/L 99
3) Chloromethane	1.25	50	35129	4.458	ug/L 100
5) Vinyl chloride	1.32	62	36646	4.564	ug/L 97
6) Bromomethane	1.54	94	22803	4.845	ug/L 97
8) Chloroethane	1.60	64	20457	4.536	ug/L 98
9) Trichlorofluoromethane	1.77	101	62468	4.828	ug/L 100
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	40348	5.731	ug/L 100
12) 1,1-Dichloroethene	2.14	96	35117	5.725	ug/L 97
13) Acetone	2.23	43	49913	54.382	ug/L 71
14) Carbon disulfide	2.32	76	109007	5.906	ug/L 98
15) Methyl Acetate	2.48	43	13346	6.583	ug/L 95
16) Methylene chloride	2.54	84	37296	5.630	ug/L 98
17) Methyl tert-butyl Ether	2.81	73	85333	5.666	ug/L 99
18) trans-1,2-Dichloroethene	2.79	96	39142	5.838	ug/L 92
19) 1,1-Dichloroethane	3.23	63	69287	4.729	ug/L 97
21) 2-Butanone	4.06	43	80828	46.893	ug/L 99
22) cis-1,2-Dichloroethene	3.96	96	43657	4.757	ug/L 97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.30	128	18534	4.774	ug/L	96
25) Chloroform	4.43	83	71809	4.521	ug/L	98
27) 1,2-Dichloroethane	5.18	62	43565	4.806	ug/L	100
29) 1,1,1-Trichloroethane	4.66	97	64920	4.771	ug/L	97
30) Cyclohexane	4.72	56	62194	4.755	ug/L	96
31) Carbon tetrachloride	4.87	117	59577	4.864	ug/L	99
33) Benzene	5.14	78	156546	4.791	ug/L	100
34) Trichloroethene	5.96	95	44789	4.714	ug/L	99
35) Methylcyclohexane	6.17	83	71751	4.773	ug/L	97
37) 1,2-Dichloropropane	6.22	63	38088	4.757	ug/L	99
38) Bromodichloromethane	6.56	83	46971	4.767	ug/L	98
39) cis-1,3-Dichloropropene	7.07	75	53403	4.759	ug/L	96
40) 4-Methyl-2-pentanone	7.28	43	193404	47.618	ug/L	99
42) Toluene	7.43	91	168750	4.785	ug/L	98
44) trans-1,3-Dichloropropene	7.69	75	42931	4.933	ug/L	98
45) 1,1,2-Trichloroethane	7.88	97	26361	4.689	ug/L	97
47) Tetrachloroethene	8.02	164	37531	4.923	ug/L	97
48) 2-Hexanone	8.19	43	137607	48.061	ug/L	99
49) Dibromochloromethane	8.29	129	32311	4.914	ug/L	99
50) 1,2-Dibromoethane	8.40	107	25408	4.824	ug/L #	99
51) Chlorobenzene	8.93	112	111477	4.804	ug/L	99
52) Ethylbenzene	9.05	91	184441	4.790	ug/L	100
53) m,p-xylene	9.18	106	72268	4.913	ug/L	97
54) o-xylene	9.59	106	67978	4.846	ug/L	96
55) Styrene	9.60	104	112484	4.847	ug/L	97
56) Isopropylbenzene	9.97	105	186905	4.925	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	10.29	83	28205	4.972	ug/L	95
59) 1,2,3-Trichloropropane	10.32	75	22747	4.760	ug/L	99
61) Bromoform	9.78	173	16769	4.894	ug/L	99
62) 1,3-Dichlorobenzene	11.23	146	85862	4.611	ug/L	98
63) 1,4-Dichlorobenzene	11.32	146	86423	4.540	ug/L	99
65) 1,2-Dichlorobenzene	11.69	146	81219	4.722	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.48	75	4519	5.234	ug/L	93
67) 1,3,5-Trichlorobenzene	12.69	180	65284	4.710	ug/L	100
68) 1,2,4-trichlorobenzene	13.31	180	49956	4.851	ug/L	98
69) Naphthalene	13.56	128	71281	4.768	ug/L	99
70) 1,2,3-Trichlorobenzene	13.80	180	46846	4.860	ug/L	97

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

