

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV101518\
 Data File : VV008285.D
 Acq On : 15 Oct 2018 20:09
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0 mL/MSVOA V/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD00567

Quant Time: Oct 16 05:26:08 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR101518WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Oct 16 05:17:07 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	66616	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	60641	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	25268	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	19348	5.14	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	102.80%
7) Chloroethane-d5	1.58	69	12760	4.29	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	85.80%
11) 1,1-Dichloroethene-d2	2.14	63	36918	5.11	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	102.20%
20) 2-Butanone-d5	3.96	46	62088	49.17	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	98.34%
24) Chloroform-d	4.41	84	39042	4.64	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.80%
26) 1,2-Dichloroethane-d4	5.09	65	19447	4.56	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	91.20%
32) Benzene-d6	5.10	84	83579	4.69	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.80%
36) 1,2-Dichloropropane-d6	6.12	67	27872	4.75	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.00%
41) Toluene-d8	7.36	98	75070	4.65	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.00%
43) trans-1,3-Dichloropropene-	7.67	79	10357	4.26	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	85.20%
46) 2-Hexanone-d5	8.14	63	40915	47.99	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	95.98%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	18958	4.87	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.40%
64) 1,2-Dichlorobenzene-d4	11.68	152	22750	4.74	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	94.80%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	1.14	85	23926	4.665	ug/L	100
3) Chloromethane	1.25	50	27562	5.265	ug/L	99
5) Vinyl chloride	1.33	62	26981	5.443	ug/L	99
6) Bromomethane	1.54	94	10357	3.651	ug/L	98
8) Chloroethane	1.60	64	13976	5.424	ug/L	97
9) Trichlorofluoromethane	1.77	101	34885	5.789	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	18210	5.295	ug/L	99
12) 1,1-Dichloroethene	2.14	96	17364	5.426	ug/L	95
13) Acetone	2.20	43	32294	47.268	ug/L	98
14) Carbon disulfide	2.32	76	58389	5.303	ug/L	99
15) Methyl Acetate	2.47	43	8539	5.024	ug/L	94
16) Methylene chloride	2.54	84	18148	4.900	ug/L	98
17) Methyl tert-butyl Ether	2.81	73	48796	5.368	ug/L	99
18) trans-1,2-Dichloroethene	2.79	96	19365	5.624	ug/L	96
19) 1,1-Dichloroethane	3.23	63	46491	6.536	ug/L	98
21) 2-Butanone	4.05	43	68161	48.047	ug/L	100
22) cis-1,2-Dichloroethene	3.97	96	27765	4.995	ug/L #	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.31	128	10540	5.114	ug/L	94
25) Chloroform	4.43	83	43459	4.985	ug/L	94
27) 1,2-Dichloroethane	5.19	62	26619	5.135	ug/L	99
29) 1,1,1-Trichloroethane	4.66	97	36718	4.862	ug/L	100
30) Cyclohexane	4.72	56	47251	4.978	ug/L	98
31) Carbon tetrachloride	4.88	117	30748	4.842	ug/L	97
33) Benzene	5.15	78	100818	4.933	ug/L	100
34) Trichloroethene	5.96	95	30320	5.354	ug/L	94
35) Methylcyclohexane	6.18	83	46426	4.862	ug/L	98
37) 1,2-Dichloropropane	6.23	63	27416	4.972	ug/L	99
38) Bromodichloromethane	6.56	83	31795	5.133	ug/L	100
39) cis-1,3-Dichloropropene	7.08	75	38406	4.882	ug/L	100
40) 4-Methyl-2-pentanone	7.28	43	169558	50.213	ug/L	99
42) Toluene	7.43	91	104443	4.903	ug/L	99
44) trans-1,3-Dichloropropene	7.70	75	29781	4.730	ug/L	97
45) 1,1,2-Trichloroethane	7.89	97	17286	5.050	ug/L	97
47) Tetrachloroethene	8.02	164	17657	4.977	ug/L	92
48) 2-Hexanone	8.19	43	122489	49.629	ug/L	99
49) Dibromochloromethane	8.30	129	19407	4.974	ug/L	99
50) 1,2-Dibromoethane	8.40	107	16271	5.072	ug/L	91
51) Chlorobenzene	8.93	112	63263	4.999	ug/L	99
52) Ethylbenzene	9.06	91	114407	4.885	ug/L	99
53) m,p-xylene	9.18	106	42793	5.051	ug/L	100
54) o-xylene	9.59	106	41591	4.928	ug/L	98
55) Styrene	9.61	104	69238	5.099	ug/L	97
56) Isopropylbenzene	9.98	105	110011	4.946	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.29	83	19804	5.085	ug/L #	98
59) 1,2,3-Trichloropropane	10.32	75	15173	4.918	ug/L	98
61) Bromoform	9.78	173	9862	5.339	ug/L	98
62) 1,3-Dichlorobenzene	11.23	146	43582	5.096	ug/L	96
63) 1,4-Dichlorobenzene	11.32	146	43616	5.151	ug/L	98
65) 1,2-Dichlorobenzene	11.69	146	41108	5.014	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.48	75	2881	4.658	ug/L	91
67) 1,3,5-Trichlorobenzene	12.70	180	28770	5.199	ug/L	100
68) 1,2,4-trichlorobenzene	13.31	180	19517	4.955	ug/L	100
69) Naphthalene	13.56	128	31981	4.355	ug/L	98
70) 1,2,3-Trichlorobenzene	13.80	180	19196	4.909	ug/L	99

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

