

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV112918\
 Data File : VV008778.D
 Acq On : 29 Nov 2018 21:18
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0 mL/MSVOA_V/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD00570

Quant Time: Nov 30 05:01:22 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR112918WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Nov 30 04:55:05 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	154479	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	142366	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	69972	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	49758	4.66	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	93.20%
7) Chloroethane-d5	1.59	69	34277	4.51	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	90.20%
11) 1,1-Dichloroethene-d2	2.14	63	85996	4.68	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	93.60%
20) 2-Butanone-d5	3.96	46	113657	47.48	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	94.96%
24) Chloroform-d	4.41	84	98638	4.67	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.40%
26) 1,2-Dichloroethane-d4	5.09	65	47811	4.72	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.40%
32) Benzene-d6	5.10	84	206265	4.75	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.00%
36) 1,2-Dichloropropane-d6	6.12	67	60036	4.60	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	92.00%
41) Toluene-d8	7.36	98	194431	4.85	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.00%
43) trans-1,3-Dichloropropene-	7.67	79	20811	4.75	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	95.00%
46) 2-Hexanone-d5	8.14	63	86019	47.19	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	94.38%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	39346	4.77	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.40%
64) 1,2-Dichlorobenzene-d4	11.68	152	65576	4.55	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	91.00%

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.14	85	65970	4.827 ug/L	99
3) Chloromethane	1.25	50	49891	4.875 ug/L	100
5) Vinyl chloride	1.32	62	51430	5.051 ug/L	100
6) Bromomethane	1.54	94	32100	5.025 ug/L	100
8) Chloroethane	1.60	64	27056	4.642 ug/L	95
9) Trichlorofluoromethane	1.78	101	78855	5.185 ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	42855	4.925 ug/L	98
12) 1,1-Dichloroethene	2.15	96	37704	4.963 ug/L	91
13) Acetone	2.22	43	55361	46.406 ug/L	100
14) Carbon disulfide	2.32	76	110821	5.026 ug/L	98
15) Methyl Acetate	2.47	43	14376	4.503 ug/L	98
16) Methylene chloride	2.54	84	39015	4.554 ug/L	92
17) Methyl tert-butyl Ether	2.81	73	90514	4.838 ug/L	99
18) trans-1,2-Dichloroethene	2.79	96	40961	4.906 ug/L	97
19) 1,1-Dichloroethane	3.23	63	93753	5.053 ug/L	99
21) 2-Butanone	4.05	43	115025	48.099 ug/L	98
22) cis-1,2-Dichloroethene	3.97	96	56970	4.857 ug/L	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.31	128	23515	4.886	ug/L	96
25) Chloroform	4.43	83	96659	4.793	ug/L	99
27) 1,2-Dichloroethane	5.19	62	58819	5.076	ug/L	98
29) 1,1,1-Trichloroethane	4.66	97	82150	4.944	ug/L	98
30) Cyclohexane	4.73	56	85038	4.859	ug/L	99
31) Carbon tetrachloride	4.88	117	72031	5.008	ug/L	98
33) Benzene	5.15	78	212845	4.986	ug/L	100
34) Trichloroethene	5.96	95	58059	4.891	ug/L	96
35) Methylcyclohexane	6.18	83	91716	4.872	ug/L	99
37) 1,2-Dichloropropane	6.23	63	52978	4.992	ug/L	100
38) Bromodichloromethane	6.56	83	59007	4.869	ug/L	98
39) cis-1,3-Dichloropropene	7.07	75	69663	4.998	ug/L	99
40) 4-Methyl-2-pentanone	7.28	43	266437	48.508	ug/L	99
42) Toluene	7.43	91	226455	5.068	ug/L	99
44) trans-1,3-Dichloropropene	7.70	75	53680	4.886	ug/L	98
45) 1,1,2-Trichloroethane	7.89	97	34759	4.937	ug/L	96
47) Tetrachloroethene	8.02	164	45569	4.964	ug/L	98
48) 2-Hexanone	8.19	43	185817	48.189	ug/L	99
49) Dibromochloromethane	8.29	129	38456	5.016	ug/L	100
50) 1,2-Dibromoethane	8.40	107	32591	4.932	ug/L	98
51) Chlorobenzene	8.93	112	145158	4.935	ug/L	99
52) Ethylbenzene	9.06	91	241992	5.005	ug/L	99
53) m,p-xylene	9.18	106	92273	5.089	ug/L	96
54) o-xylene	9.59	106	89041	5.090	ug/L	97
55) Styrene	9.61	104	150509	5.175	ug/L	99
56) Isopropylbenzene	9.98	105	242445	5.088	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.29	83	37769	5.030	ug/L	100
59) 1,2,3-Trichloropropane	10.32	75	29529	4.849	ug/L	99
61) Bromoform	9.78	173	18335	4.833	ug/L	99
62) 1,3-Dichlorobenzene	11.23	146	111005	4.820	ug/L	99
63) 1,4-Dichlorobenzene	11.32	146	112046	4.918	ug/L	97
65) 1,2-Dichlorobenzene	11.69	146	101676	4.680	ug/L	98
66) 1,2-Dibromo-3-chloropropan	12.48	75	5481	5.122	ug/L	93
67) 1,3,5-Trichlorobenzene	12.69	180	80975	4.791	ug/L	96
68) 1,2,4-trichlorobenzene	13.31	180	60279	4.834	ug/L	97
69) Naphthalene	13.56	128	83822	4.597	ug/L	99
70) 1,2,3-Trichlorobenzene	13.80	180	56528	4.859	ug/L	98

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

