

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV112118\
 Data File : VV008689.D
 Acq On : 21 Nov 2018 09:56
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0 mL/MSVOA_V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD00576

Quant Time: Nov 22 00:34:45 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR111718WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Nov 20 06:56:52 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	168067	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	151387	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	70396	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	41515	5.56	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	111.20%
7) Chloroethane-d5	1.59	69	31776	5.17	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	103.40%
11) 1,1-Dichloroethene-d2	2.14	63	80838	5.34	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	106.80%
20) 2-Butanone-d5	3.96	46	119974	44.91	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	89.82%
24) Chloroform-d	4.40	84	98972	4.85	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.00%
26) 1,2-Dichloroethane-d4	5.09	65	48687	4.69	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.80%
32) Benzene-d6	5.10	84	200542	5.08	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.60%
36) 1,2-Dichloropropane-d6	6.12	67	59961	4.71	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.20%
41) Toluene-d8	7.36	98	187000	5.04	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.80%
43) trans-1,3-Dichloropropene-	7.67	79	20969	4.32	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	86.40%
46) 2-Hexanone-d5	8.14	63	86493	39.31	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	78.62%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	40318	4.53	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	90.60%
64) 1,2-Dichlorobenzene-d4	11.67	152	59844	4.71	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	94.20%

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.14	85	70593	5.095 ug/L	100
3) Chloromethane	1.25	50	58744	5.073 ug/L	98
5) Vinyl chloride	1.33	62	58533	5.507 ug/L	100
6) Bromomethane	1.54	94	33666	5.078 ug/L	96
8) Chloroethane	1.60	64	33351	5.355 ug/L	100
9) Trichlorofluoromethane	1.78	101	80549	5.498 ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.15	101	48264	5.646 ug/L	97
12) 1,1-Dichloroethene	2.15	96	41892	5.377 ug/L	96
13) Acetone	2.22	43	77674	55.757 ug/L	97
14) Carbon disulfide	2.32	76	119468	4.912 ug/L	99
15) Methyl Acetate	2.47	43	17968	5.155 ug/L	99
16) Methylene chloride	2.54	84	45102	4.754 ug/L	99
17) Methyl tert-butyl Ether	2.81	73	105067	5.067 ug/L	98
18) trans-1,2-Dichloroethene	2.79	96	46680	5.519 ug/L	98
19) 1,1-Dichloroethane	3.23	63	110086	5.143 ug/L	97
21) 2-Butanone	4.05	43	151888	48.697 ug/L	98
22) cis-1,2-Dichloroethene	3.97	96	63602	4.982 ug/L	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.31	128	25251	5.140	ug/L	95
25) Chloroform	4.43	83	112622	4.165	ug/L	97
27) 1,2-Dichloroethane	5.18	62	68099	5.048	ug/L	100
29) 1,1,1-Trichloroethane	4.66	97	92556	4.843	ug/L	99
30) Cyclohexane	4.73	56	100825	4.743	ug/L	96
31) Carbon tetrachloride	4.88	117	77421	4.763	ug/L	99
33) Benzene	5.15	78	241324	5.028	ug/L	100
34) Trichloroethene	5.96	95	64027	5.047	ug/L	99
35) Methylcyclohexane	6.18	83	107063	4.984	ug/L	99
37) 1,2-Dichloropropane	6.22	63	61029	4.838	ug/L	98
38) Bromodichloromethane	6.56	83	66705	4.334	ug/L	95
39) cis-1,3-Dichloropropene	7.07	75	79492	4.687	ug/L	97
40) 4-Methyl-2-pentanone	7.28	43	345604	46.803	ug/L	99
42) Toluene	7.43	91	254750	5.093	ug/L	96
44) trans-1,3-Dichloropropene	7.70	75	60702	4.394	ug/L	98
45) 1,1,2-Trichloroethane	7.89	97	39623	4.935	ug/L	96
47) Tetrachloroethene	8.02	164	46845	5.103	ug/L	95
48) 2-Hexanone	8.19	43	242833	48.724	ug/L	98
49) Dibromochloromethane	8.29	129	41060	4.497	ug/L	99
50) 1,2-Dibromoethane	8.40	107	35500	4.893	ug/L	93
51) Chlorobenzene	8.93	112	155861	5.051	ug/L	98
52) Ethylbenzene	9.06	91	275746	5.009	ug/L	100
53) m,p-xylene	9.18	106	102241	5.023	ug/L	100
54) o-xylene	9.59	106	99226	5.010	ug/L	97
55) Styrene	9.60	104	163090	5.101	ug/L	98
56) Isopropylbenzene	9.98	105	268648	5.052	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.29	83	45121	4.762	ug/L	99
59) 1,2,3-Trichloropropane	10.32	75	34559	4.830	ug/L	100
61) Bromoform	9.78	173	18818	4.160	ug/L	99
62) 1,3-Dichlorobenzene	11.23	146	117341	5.116	ug/L	99
63) 1,4-Dichlorobenzene	11.32	146	113302	5.013	ug/L	97
65) 1,2-Dichlorobenzene	11.69	146	108919	4.989	ug/L	100
66) 1,2-Dibromo-3-chloropropan	12.48	75	6341	4.538	ug/L #	85
67) 1,3,5-Trichlorobenzene	12.69	180	86077	5.183	ug/L	98
68) 1,2,4-trichlorobenzene	13.31	180	64318	4.806	ug/L	99
69) Naphthalene	13.56	128	92869	4.271	ug/L	99
70) 1,2,3-Trichlorobenzene	13.80	180	61193	4.956	ug/L	100

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

