

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV070218\
 Data File : VV006522.D
 Acq On : 02 Jul 2018 09:33
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25 mL/MSVOA V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD00570

Quant Time: Jul 02 23:32:24 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR062518WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Jun 30 02:15:06 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	361238	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	327924	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	158399	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	101189	4.26	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	85.20%
7) Chloroethane-d5	1.59	69	86943	4.54	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	90.80%
11) 1,1-Dichloroethene-d2	2.13	63	179686	4.27	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	85.40%
20) 2-Butanone-d5	3.97	46	218975	49.20	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	98.40%
24) Chloroform-d	4.41	84	181159	4.47	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.40%
26) 1,2-Dichloroethane-d4	5.09	65	83672	4.42	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.40%
32) Benzene-d6	5.10	84	373852	4.38	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.60%
36) 1,2-Dichloropropane-d6	6.12	67	114618	4.50	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	90.00%
41) Toluene-d8	7.36	98	346296	4.28	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.60%
43) trans-1,3-Dichloropropene-	7.67	79	40476	4.32	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	86.40%
46) 2-Hexanone-d5	8.14	63	176712	47.60	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	95.20%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	69746	4.47	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	89.40%
64) 1,2-Dichlorobenzene-d4	11.68	152	124588	4.23	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	84.60%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.14	85	111732	4.22	ug/L 100
3) Chloromethane	1.26	50	113126	4.17	ug/L 99
5) Vinyl chloride	1.32	62	125641	4.26	ug/L 99
6) Bromomethane	1.54	94	66221	3.88	ug/L 98
8) Chloroethane	1.60	64	80070	4.28	ug/L 99
9) Trichlorofluoromethane	1.77	101	155972	4.40	ug/L 100
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	102523	4.61	ug/L 99
12) 1,1-Dichloroethene	2.14	96	93721	4.29	ug/L 98
13) Acetone	2.23	43	132941	48.73	ug/L 99
14) Carbon disulfide	2.32	76	249963	4.05	ug/L 100
15) Methyl Acetate	2.48	43	37127	4.62	ug/L 99
16) Methylene chloride	2.54	84	105110	4.11	ug/L 99
17) Methyl tert-butyl Ether	2.81	73	228309	4.31	ug/L 99
18) trans-1,2-Dichloroethene	2.79	96	103596	4.33	ug/L 100
19) 1,1-Dichloroethane	3.23	63	187985	4.41	ug/L 99
21) 2-Butanone	4.06	43	225647	45.77	ug/L 99
22) cis-1,2-Dichloroethene	3.97	96	113938	4.33	ug/L 97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.30	128	45851	4.29	ug/L	98
25) Chloroform	4.43	83	189045	4.40	ug/L	99
27) 1,2-Dichloroethane	5.19	62	103083	4.27	ug/L	100
29) 1,1,1-Trichloroethane	4.66	97	156686	4.38	ug/L	100
30) Cyclohexane	4.73	56	155696	4.36	ug/L	99
31) Carbon tetrachloride	4.88	117	133087	4.44	ug/L	100
33) Benzene	5.15	78	426163	4.40	ug/L	100
34) Trichloroethene	5.96	95	118881	4.29	ug/L	98
35) Methylcyclohexane	6.18	83	179407	4.45	ug/L	99
37) 1,2-Dichloropropane	6.23	63	104272	4.41	ug/L	99
38) Bromodichloromethane	6.56	83	120905	4.44	ug/L	99
39) cis-1,3-Dichloropropene	7.08	75	147608	4.48	ug/L	100
40) 4-Methyl-2-pentanone	7.29	43	511667	44.43	ug/L	99
42) Toluene	7.44	91	448625	4.37	ug/L	99
44) trans-1,3-Dichloropropene	7.70	75	115286	4.46	ug/L	99
45) 1,1,2-Trichloroethane	7.89	97	72994	4.47	ug/L	99
47) Tetrachloroethene	8.02	164	91434	4.37	ug/L	99
48) 2-Hexanone	8.19	43	379675	45.83	ug/L	98
49) Dibromochloromethane	8.30	129	77390	4.44	ug/L	99
50) 1,2-Dibromoethane	8.40	107	64351	4.38	ug/L	97
51) Chlorobenzene	8.93	112	298537	4.40	ug/L	98
52) Ethylbenzene	9.06	91	493628	4.45	ug/L	100
53) m,p-xylene	9.19	106	190670	4.45	ug/L	99
54) o-xylene	9.59	106	186296	4.43	ug/L	98
55) Styrene	9.61	104	312885	4.55	ug/L	99
56) Isopropylbenzene	9.98	105	487474	4.45	ug/L	100
58) 1,1,1,2,2-Tetrachloroethane	10.29	83	66790	4.33	ug/L	100
59) 1,2,3-Trichloropropane	10.32	75	57449	4.46	ug/L	98
61) Bromoform	9.78	173	39208	4.41	ug/L	100
62) 1,3-Dichlorobenzene	11.23	146	226935	4.35	ug/L	99
63) 1,4-Dichlorobenzene	11.32	146	229072	4.39	ug/L	99
65) 1,2-Dichlorobenzene	11.70	146	214341	4.39	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.48	75	9127	4.40	ug/L	97
67) 1,3,5-Trichlorobenzene	12.70	180	179007	4.52	ug/L	98
68) 1,2,4-trichlorobenzene	13.32	180	131890	4.54	ug/L	100
69) Naphthalene	13.56	128	183307	4.31	ug/L	100
70) 1,2,3-Trichlorobenzene	13.80	180	123128	4.55	ug/L	99

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

