

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV083018\
 Data File : VV007271.D
 Acq On : 30 Aug 2018 18:58
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0 mL/MSVOA V/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD00570

Quant Time: Aug 31 02:24:19 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR083018WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Aug 31 02:21:46 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	306954	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	300458	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	142017	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	131105	4.87	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	97.40%
7) Chloroethane-d5	1.58	69	102281	4.90	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	98.00%
11) 1,1-Dichloroethene-d2	2.13	63	218663	4.87	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	97.40%
20) 2-Butanone-d5	3.97	46	261765	49.96	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	99.92%
24) Chloroform-d	4.41	84	233154	4.89	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.80%
26) 1,2-Dichloroethane-d4	5.09	65	106751	4.83	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.60%
32) Benzene-d6	5.10	84	475876	5.05	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.00%
36) 1,2-Dichloropropane-d6	6.12	67	145029	4.91	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.20%
41) Toluene-d8	7.36	98	436199	5.21	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.20%
43) trans-1,3-Dichloropropene-	7.67	79	51288	4.99	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	99.80%
46) 2-Hexanone-d5	8.14	63	179470	51.10	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	102.20%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	103871	4.99	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.80%
64) 1,2-Dichlorobenzene-d4	11.68	152	140940	4.97	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.40%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.14	85	150812	5.61 ug/L	# 89
3) Chloromethane	1.25	50	153975	5.18 ug/L	99
5) Vinyl chloride	1.32	62	147613	5.11 ug/L	99
6) Bromomethane	1.54	94	75111	5.24 ug/L	100
8) Chloroethane	1.60	64	85279	5.14 ug/L	98
9) Trichlorofluoromethane	1.77	101	189231	5.18 ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	115221	5.25 ug/L	98
12) 1,1-Dichloroethene	2.14	96	108640	5.13 ug/L	98
13) Acetone	2.22	43	145803	50.50 ug/L	100
14) Carbon disulfide	2.32	76	356561	5.09 ug/L	100
15) Methyl Acetate	2.47	43	37291	5.17 ug/L	97
16) Methylene chloride	2.54	84	134267	5.37 ug/L	99
17) Methyl tert-butyl Ether	2.82	73	246625	5.18 ug/L	99
18) trans-1,2-Dichloroethene	2.79	96	119743	5.10 ug/L	98
19) 1,1-Dichloroethane	3.23	63	216826	5.11 ug/L	100
21) 2-Butanone	4.06	43	278657	53.68 ug/L	99
22) cis-1,2-Dichloroethene	3.97	96	129778	5.14 ug/L	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.30	128	56120	5.12	ug/L	96
25) Chloroform	4.43	83	228877	5.18	ug/L	100
27) 1,2-Dichloroethane	5.19	62	130649	5.21	ug/L	99
29) 1,1,1-Trichloroethane	4.66	97	193040	5.19	ug/L	100
30) Cyclohexane	4.73	56	190063	5.24	ug/L	97
31) Carbon tetrachloride	4.88	117	169474	5.25	ug/L	99
33) Benzene	5.15	78	526471	5.41	ug/L	100
34) Trichloroethene	5.96	95	126815	5.30	ug/L	98
35) Methylcyclohexane	6.18	83	200865	5.28	ug/L	99
37) 1,2-Dichloropropane	6.23	63	132872	5.28	ug/L	100
38) Bromodichloromethane	6.56	83	154162	5.24	ug/L	98
39) cis-1,3-Dichloropropene	7.08	75	166284	5.25	ug/L	100
40) 4-Methyl-2-pentanone	7.29	43	640214	56.05	ug/L	100
42) Toluene	7.44	91	540859	5.56	ug/L	100
44) trans-1,3-Dichloropropene	7.70	75	140678	5.42	ug/L	99
45) 1,1,2-Trichloroethane	7.89	97	87463	5.29	ug/L	99
47) Tetrachloroethene	8.02	164	108671	5.26	ug/L	98
48) 2-Hexanone	8.20	43	477753	58.60	ug/L	99
49) Dibromochloromethane	8.30	129	99591	5.24	ug/L	96
50) 1,2-Dibromoethane	8.40	107	77266	5.28	ug/L	98
51) Chlorobenzene	8.93	112	335900	5.29	ug/L	98
52) Ethylbenzene	9.06	91	526210	5.37	ug/L	99
53) m,p-xylene	9.19	106	206039	5.44	ug/L	97
54) o-xylene	9.59	106	190824	5.41	ug/L	100
55) Styrene	9.61	104	350392	5.71	ug/L	98
56) Isopropylbenzene	9.98	105	504537	5.53	ug/L	100
58) 1,1,1,2,2-Tetrachloroethane	10.29	83	102805	5.24	ug/L	99
59) 1,2,3-Trichloropropane	10.32	75	71810	5.24	ug/L	100
61) Bromoform	9.78	173	53665	5.10	ug/L	100
62) 1,3-Dichlorobenzene	11.23	146	237897	5.36	ug/L	99
63) 1,4-Dichlorobenzene	11.32	146	251416	5.41	ug/L	99
65) 1,2-Dichlorobenzene	11.70	146	237249	5.44	ug/L	100
66) 1,2-Dibromo-3-chloropropan	12.48	75	14316	5.24	ug/L	97
67) 1,3,5-Trichlorobenzene	12.70	180	186970	5.22	ug/L	97
68) 1,2,4-trichlorobenzene	13.31	180	143568	5.11	ug/L	99
69) Naphthalene	13.56	128	197117	5.01	ug/L	99
70) 1,2,3-Trichlorobenzene	13.80	180	137783	5.21	ug/L	100

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

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