

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV071018\
 Data File : VV006581.D
 Acq On : 10 Jul 2018 20:51
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25 mL/MSVOA V/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD00570

Quant Time: Jul 11 03:35:37 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR070718WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Jul 11 03:34:14 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	311119	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	286854	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	140184	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	74157	4.38	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	87.60%
7) Chloroethane-d5	1.57	69	66372	4.50	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	90.00%
11) 1,1-Dichloroethene-d2	2.13	63	146635	4.66	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	93.20%
20) 2-Butanone-d5	3.95	46	217691	50.67	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	101.34%
24) Chloroform-d	4.41	84	159124	4.78	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.60%
26) 1,2-Dichloroethane-d4	5.09	65	75155	4.86	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.20%
32) Benzene-d6	5.10	84	313996	4.80	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.00%
36) 1,2-Dichloropropane-d6	6.12	67	102503	4.83	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.60%
41) Toluene-d8	7.37	98	286794	4.91	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.20%
43) trans-1,3-Dichloropropene-	7.67	79	33946	4.72	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	94.40%
46) 2-Hexanone-d5	8.14	63	210823	58.00	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	116.00%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	83750	5.02	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	100.40%
64) 1,2-Dichlorobenzene-d4	11.68	152	117626	4.88	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.60%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.14	85	130704	5.36	ug/L 99
3) Chloromethane	1.26	50	140542	4.71	ug/L 98
5) Vinyl chloride	1.32	62	139976	5.05	ug/L 100
6) Bromomethane	1.52	94	62184	4.84	ug/L 99
8) Chloroethane	1.59	64	80898	4.81	ug/L 100
9) Trichlorofluoromethane	1.77	101	163968	5.26	ug/L 99
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	103011	5.35	ug/L 99
12) 1,1-Dichloroethene	2.14	96	99484	5.11	ug/L 93
13) Acetone	2.19	43	127447	46.90	ug/L 98
14) Carbon disulfide	2.32	76	275509	4.73	ug/L 99
15) Methyl Acetate	2.46	43	38713	4.84	ug/L 98
16) Methylene chloride	2.54	84	107433	4.89	ug/L 98
17) Methyl tert-butyl Ether	2.81	73	234041	5.07	ug/L 100
18) trans-1,2-Dichloroethene	2.79	96	108855	5.12	ug/L 97
19) 1,1-Dichloroethane	3.23	63	185274	5.02	ug/L 100
21) 2-Butanone	4.04	43	224373	50.33	ug/L 99
22) cis-1,2-Dichloroethene	3.97	96	116080	5.08	ug/L 100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.31	128	48056	5.14	ug/L	99
25) Chloroform	4.43	83	186203	5.08	ug/L	100
27) 1,2-Dichloroethane	5.19	62	103847	4.98	ug/L	99
29) 1,1,1-Trichloroethane	4.66	97	151699	5.05	ug/L	99
30) Cyclohexane	4.73	56	165606	5.18	ug/L	99
31) Carbon tetrachloride	4.88	117	127455	5.07	ug/L	98
33) Benzene	5.15	78	436389	5.10	ug/L	100
34) Trichloroethene	5.96	95	109418	4.98	ug/L	96
35) Methylcyclohexane	6.18	83	185512	5.25	ug/L	99
37) 1,2-Dichloropropane	6.23	63	105448	5.04	ug/L	99
38) Bromodichloromethane	6.56	83	115425	4.89	ug/L	99
39) cis-1,3-Dichloropropene	7.08	75	138240	4.92	ug/L	98
40) 4-Methyl-2-pentanone	7.28	43	537589	50.65	ug/L	99
42) Toluene	7.44	91	462641	5.20	ug/L	99
44) trans-1,3-Dichloropropene	7.70	75	107424	4.95	ug/L	99
45) 1,1,2-Trichloroethane	7.89	97	76008	5.19	ug/L	99
47) Tetrachloroethene	8.02	164	95007	5.26	ug/L	99
48) 2-Hexanone	8.19	43	383529	50.96	ug/L	98
49) Dibromochloromethane	8.30	129	75656	4.95	ug/L	98
50) 1,2-Dibromoethane	8.40	107	67267	5.04	ug/L	100
51) Chlorobenzene	8.93	112	299524	5.14	ug/L	100
52) Ethylbenzene	9.06	91	496247	5.24	ug/L	100
53) m,p-xylene	9.19	106	193495	5.31	ug/L	98
54) o-xylene	9.59	106	188500	5.28	ug/L	99
55) Styrene	9.61	104	321281	5.35	ug/L	100
56) Isopropylbenzene	9.98	105	492413	5.38	ug/L	100
58) 1,1,1,2,2-Tetrachloroethane	10.29	83	89786	5.19	ug/L	99
59) 1,2,3-Trichloropropane	10.32	75	63546	5.10	ug/L	100
61) Bromoform	9.78	173	38732	4.82	ug/L	99
62) 1,3-Dichlorobenzene	11.23	146	225257	5.09	ug/L	99
63) 1,4-Dichlorobenzene	11.32	146	230986	5.14	ug/L	100
65) 1,2-Dichlorobenzene	11.70	146	219900	5.15	ug/L	100
66) 1,2-Dibromo-3-chloropropan	12.48	75	10686	4.68	ug/L	99
67) 1,3,5-Trichlorobenzene	12.70	180	175976	5.02	ug/L	98
68) 1,2,4-trichlorobenzene	13.32	180	140971	5.06	ug/L	100
69) Naphthalene	13.56	128	231290	4.89	ug/L	100
70) 1,2,3-Trichlorobenzene	13.80	180	134916	5.16	ug/L	99

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

