

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV080818\
 Data File : VV006945.D
 Acq On : 08 Aug 2018 20:18
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25 mL/MSVOA V/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD00574

Quant Time: Aug 09 07:08:54 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR080718WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Aug 09 07:05:51 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	207390	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	204362	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	89798	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	55850	4.49	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	89.80%
7) Chloroethane-d5	1.58	69	56956	4.68	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	93.60%
11) 1,1-Dichloroethene-d2	2.13	63	117891	4.61	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	92.20%
20) 2-Butanone-d5	3.97	46	249863	62.97	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	125.94%
24) Chloroform-d	4.41	84	150146	5.75	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	115.00%
26) 1,2-Dichloroethane-d4	5.09	65	80053	5.76	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	115.20%
32) Benzene-d6	5.10	84	271542	5.43	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	108.60%
36) 1,2-Dichloropropane-d6	6.12	67	99268	5.46	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	109.20%
41) Toluene-d8	7.36	98	237596	5.49	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	109.80%
43) trans-1,3-Dichloropropene-	7.67	79	30481	5.19	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	103.80%
46) 2-Hexanone-d5	8.15	63	144175	59.08	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	118.16%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	78398	5.74	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	114.80%
64) 1,2-Dichlorobenzene-d4	11.68	152	83471	5.75	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	115.00%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.14	85	89976	5.35	ug/L 98
3) Chloromethane	1.25	50	79690	3.58	ug/L 100
5) Vinyl chloride	1.32	62	89632	4.60	ug/L 99
6) Bromomethane	1.54	94	12542	2.69	ug/L 95
8) Chloroethane	1.60	64	58626	4.77	ug/L 100
9) Trichlorofluoromethane	1.77	101	120536	5.07	ug/L 98
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	72692	5.06	ug/L 94
12) 1,1-Dichloroethene	2.14	96	67129	4.89	ug/L 96
13) Acetone	2.21	43	121925	47.08	ug/L 99
14) Carbon disulfide	2.32	76	201136	4.77	ug/L 99
15) Methyl Acetate	2.47	43	30534	4.29	ug/L 91
16) Methylene chloride	2.54	84	80990	4.54	ug/L 91
17) Methyl tert-butyl Ether	2.82	73	184500	5.18	ug/L 97
18) trans-1,2-Dichloroethene	2.79	96	75199	5.05	ug/L 95
19) 1,1-Dichloroethane	3.23	63	139027	4.84	ug/L 99
21) 2-Butanone	4.06	43	247239	58.01	ug/L 97
22) cis-1,2-Dichloroethene	3.96	96	84661	5.68	ug/L 100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.30	128	35915	5.86	ug/L	95
25) Chloroform	4.43	83	149174	5.34	ug/L	98
27) 1,2-Dichloroethane	5.19	62	95888	5.32	ug/L	99
29) 1,1,1-Trichloroethane	4.66	97	126089	5.20	ug/L	98
30) Cyclohexane	4.72	56	116772	4.83	ug/L	98
31) Carbon tetrachloride	4.88	117	105029	5.15	ug/L	98
33) Benzene	5.15	78	322601	5.12	ug/L	100
34) Trichloroethene	5.96	95	75126	5.12	ug/L	99
35) Methylcyclohexane	6.18	83	111749	4.91	ug/L	98
37) 1,2-Dichloropropane	6.23	63	90124	5.15	ug/L	99
38) Bromodichloromethane	6.56	83	104803	5.27	ug/L	98
39) cis-1,3-Dichloropropene	7.08	75	104544	5.22	ug/L	98
40) 4-Methyl-2-pentanone	7.29	43	540267	55.23	ug/L	97
42) Toluene	7.44	91	327251	5.54	ug/L	100
44) trans-1,3-Dichloropropene	7.70	75	87152	5.18	ug/L	99
45) 1,1,2-Trichloroethane	7.89	97	59999	5.46	ug/L	100
47) Tetrachloroethene	8.02	164	61552	5.52	ug/L	98
48) 2-Hexanone	8.20	43	408550	59.73	ug/L	98
49) Dibromochloromethane	8.30	129	66213	5.69	ug/L	95
50) 1,2-Dibromoethane	8.40	107	52576	5.72	ug/L	97
51) Chlorobenzene	8.93	112	199660	5.55	ug/L	97
52) Ethylbenzene	9.06	91	301875	5.18	ug/L	97
53) m,p-xylene	9.19	106	113642	5.42	ug/L	93
54) o-xylene	9.59	106	104857	5.10	ug/L	95
55) Styrene	9.61	104	187077	5.60	ug/L	99
56) Isopropylbenzene	9.98	105	282339	5.28	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	10.29	83	77356	5.43	ug/L	100
59) 1,2,3-Trichloropropane	10.32	75	57342	5.74	ug/L	98
61) Bromoform	9.78	173	34804	5.41	ug/L	97
62) 1,3-Dichlorobenzene	11.23	146	134210	5.37	ug/L	98
63) 1,4-Dichlorobenzene	11.32	146	139156	5.64	ug/L	96
65) 1,2-Dichlorobenzene	11.70	146	137512	5.52	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.48	75	10431	4.80	ug/L #	81
67) 1,3,5-Trichlorobenzene	12.70	180	105020	5.59	ug/L	99
68) 1,2,4-trichlorobenzene	13.32	180	78649	5.93	ug/L	98
69) Naphthalene	13.56	128	113780	5.48	ug/L	98
70) 1,2,3-Trichlorobenzene	13.80	180	75503	5.76	ug/L	99

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

