

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV080318\
 Data File : VV006870.D
 Acq On : 04 Aug 2018 02:30
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25 mL/MSVOA V/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD00580

Quant Time: Aug 04 04:41:03 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR080218WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Aug 04 04:38:24 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	239272	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	229813	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	100943	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	96688	5.83	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	116.60%
7) Chloroethane-d5	1.58	69	83346	5.78	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	115.60%
11) 1,1-Dichloroethene-d2	2.13	63	180880	5.89	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	117.80%
20) 2-Butanone-d5	3.97	46	245945	61.19	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	122.38%
24) Chloroform-d	4.41	84	172920	5.96	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	119.20%
26) 1,2-Dichloroethane-d4	5.09	65	88610	6.06	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	121.20%
32) Benzene-d6	5.10	84	327218	5.27	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	105.40%
36) 1,2-Dichloropropane-d6	6.13	67	110125	5.38	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	107.60%
41) Toluene-d8	7.36	98	296862	5.36	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	107.20%
43) trans-1,3-Dichloropropene-	7.67	79	38254	5.28	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	105.60%
46) 2-Hexanone-d5	8.14	63	168395	52.20	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	104.40%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	92081	6.04	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	120.80%#
64) 1,2-Dichlorobenzene-d4	11.68	152	96941	5.18	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	103.60%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.14	85	106189	5.56	ug/L 99
3) Chloromethane	1.25	50	107213	3.88	ug/L 99
5) Vinyl chloride	1.32	62	119270	5.56	ug/L 99
6) Bromomethane	1.54	94	21633	4.04	ug/L 99
8) Chloroethane	1.60	64	77951	5.40	ug/L 98
9) Trichlorofluoromethane	1.77	101	149813	5.71	ug/L 98
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	94853	5.75	ug/L 99
12) 1,1-Dichloroethene	2.14	96	85793	5.61	ug/L 97
13) Acetone	2.21	43	175179	61.80	ug/L 100
14) Carbon disulfide	2.32	76	251882	5.55	ug/L 96
15) Methyl Acetate	2.47	43	50852	5.96	ug/L 97
16) Methylene chloride	2.54	84	98423	5.38	ug/L 97
17) Methyl tert-butyl Ether	2.82	73	241611	5.89	ug/L 99
18) trans-1,2-Dichloroethene	2.79	96	94418	5.67	ug/L 97
19) 1,1-Dichloroethane	3.23	63	187715	6.03	ug/L 99
21) 2-Butanone	4.05	43	263780	60.90	ug/L 99
22) cis-1,2-Dichloroethene	3.97	96	93907	5.25	ug/L 98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.31	128	44568	5.73	ug/L	95
25) Chloroform	4.43	83	174819	5.78	ug/L	99
27) 1,2-Dichloroethane	5.19	62	108482	5.89	ug/L	98
29) 1,1,1-Trichloroethane	4.66	97	145232	5.45	ug/L	99
30) Cyclohexane	4.73	56	123000	4.46	ug/L	99
31) Carbon tetrachloride	4.88	117	121161	5.52	ug/L	97
33) Benzene	5.15	78	358104	5.07	ug/L	100
34) Trichloroethene	5.96	95	87481	4.87	ug/L	98
35) Methylcyclohexane	6.18	83	121775	4.27	ug/L	96
37) 1,2-Dichloropropane	6.23	63	100131	5.41	ug/L	98
38) Bromodichloromethane	6.56	83	121113	5.75	ug/L	95
39) cis-1,3-Dichloropropene	7.08	75	112886	4.72	ug/L	97
40) 4-Methyl-2-pentanone	7.29	43	584022	57.00	ug/L	98
42) Toluene	7.44	91	357368	5.14	ug/L	98
44) trans-1,3-Dichloropropene	7.70	75	99486	5.05	ug/L	93
45) 1,1,2-Trichloroethane	7.89	97	73946	5.52	ug/L	97
47) Tetrachloroethene	8.02	164	71967	5.03	ug/L	96
48) 2-Hexanone	8.20	43	440342	63.34	ug/L	98
49) Dibromochloromethane	8.30	129	78753	5.82	ug/L	96
50) 1,2-Dibromoethane	8.40	107	64455	5.65	ug/L #	96
51) Chlorobenzene	8.93	112	225510	5.04	ug/L	99
52) Ethylbenzene	9.06	91	332090	4.58	ug/L	98
53) m,p-xylene	9.19	106	123809	4.60	ug/L	96
54) o-xylene	9.59	106	116609	4.29	ug/L	99
55) Styrene	9.61	104	193722	4.54	ug/L	99
56) Isopropylbenzene	9.98	105	315306	4.56	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	10.29	83	93059	5.74	ug/L	99
59) 1,2,3-Trichloropropane	10.32	75	66016	5.80	ug/L	99
61) Bromoform	9.78	173	40500	5.89	ug/L	97
62) 1,3-Dichlorobenzene	11.23	146	153984	4.83	ug/L	99
63) 1,4-Dichlorobenzene	11.32	146	155844	4.94	ug/L	99
65) 1,2-Dichlorobenzene	11.70	146	159024	5.08	ug/L	96
66) 1,2-Dibromo-3-chloropropan	12.48	75	12945	5.95	ug/L	85
67) 1,3,5-Trichlorobenzene	12.70	180	119810	4.88	ug/L	98
68) 1,2,4-trichlorobenzene	13.32	180	88362	4.64	ug/L	98
69) Naphthalene	13.56	128	140176	4.22	ug/L	99
70) 1,2,3-Trichlorobenzene	13.80	180	89359	4.86	ug/L	97

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

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