

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV080418\
 Data File : VV006872.D
 Acq On : 04 Aug 2018 10:25
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25 mL/MSVOA V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD00561

Quant Time: Aug 06 03:22:01 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	208063	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	203463	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	90044	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	81784	5.67	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	113.40%
7) Chloroethane-d5	1.58	69	70869	5.66	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	113.20%
11) 1,1-Dichloroethene-d2	2.13	63	155108	5.81	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	116.20%
20) 2-Butanone-d5	3.96	46	186935	53.49	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	106.98%
24) Chloroform-d	4.40	84	144908	5.75	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	115.00%
26) 1,2-Dichloroethane-d4	5.09	65	74175	5.83	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	116.60%
32) Benzene-d6	5.10	84	275809	5.02	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.40%
36) 1,2-Dichloropropane-d6	6.12	67	91691	5.06	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	101.20%
41) Toluene-d8	7.36	98	251255	5.12	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	102.40%
43) trans-1,3-Dichloropropene-	7.67	79	32634	5.09	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	101.80%
46) 2-Hexanone-d5	8.14	63	123306	43.18	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	86.36%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	73004	5.41	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	108.20%
64) 1,2-Dichlorobenzene-d4	11.68	152	80847	4.84	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	96.80%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.14	85	91766	5.52	ug/L 97
3) Chloromethane	1.25	50	96003	4.00	ug/L 98
5) Vinyl chloride	1.32	62	102119	5.47	ug/L 100
6) Bromomethane	1.54	94	24157	5.19	ug/L 94
8) Chloroethane	1.60	64	65600	5.23	ug/L 99
9) Trichlorofluoromethane	1.77	101	128586	5.63	ug/L 98
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	82001	5.71	ug/L 98
12) 1,1-Dichloroethene	2.14	96	72684	5.47	ug/L 96
13) Acetone	2.20	43	141986	57.61	ug/L 99
14) Carbon disulfide	2.32	76	215587	5.47	ug/L 96
15) Methyl Acetate	2.47	43	39332	5.30	ug/L 100
16) Methylene chloride	2.54	84	84536	5.32	ug/L 97
17) Methyl tert-butyl Ether	2.82	73	190710	5.35	ug/L 97
18) trans-1,2-Dichloroethene	2.79	96	78704	5.43	ug/L 99
19) 1,1-Dichloroethane	3.23	63	151607	5.60	ug/L 98
21) 2-Butanone	4.04	43	201625	53.53	ug/L 99
22) cis-1,2-Dichloroethene	3.97	96	78430	5.04	ug/L 99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.30	128	36712	5.43	ug/L	95
25) Chloroform	4.43	83	147427	5.60	ug/L	99
27) 1,2-Dichloroethane	5.19	62	87278	5.45	ug/L	99
29) 1,1,1-Trichloroethane	4.66	97	124296	5.27	ug/L	99
30) Cyclohexane	4.73	56	103380	4.23	ug/L	98
31) Carbon tetrachloride	4.88	117	103390	5.32	ug/L	96
33) Benzene	5.15	78	302115	4.83	ug/L	100
34) Trichloroethene	5.96	95	76887	4.83	ug/L	96
35) Methylcyclohexane	6.18	83	105977	4.19	ug/L	94
37) 1,2-Dichloropropane	6.23	63	81842	4.99	ug/L	98
38) Bromodichloromethane	6.56	83	98747	5.29	ug/L	98
39) cis-1,3-Dichloropropene	7.08	75	98550	4.66	ug/L	98
40) 4-Methyl-2-pentanone	7.29	43	432308	47.65	ug/L	98
42) Toluene	7.44	91	300659	4.89	ug/L	98
44) trans-1,3-Dichloropropene	7.70	75	84458	4.85	ug/L	98
45) 1,1,2-Trichloroethane	7.89	97	59132	4.99	ug/L	97
47) Tetrachloroethene	8.02	164	62439	4.93	ug/L	97
48) 2-Hexanone	8.20	43	314687	51.12	ug/L	98
49) Dibromochloromethane	8.30	129	64258	5.36	ug/L	97
50) 1,2-Dibromoethane	8.40	107	51230	5.07	ug/L	95
51) Chlorobenzene	8.93	112	191888	4.85	ug/L	97
52) Ethylbenzene	9.06	91	284553	4.43	ug/L	99
53) m,p-xylene	9.19	106	106169	4.45	ug/L	97
54) o-xylene	9.59	106	99480	4.13	ug/L	99
55) Styrene	9.61	104	161337	4.27	ug/L	96
56) Isopropylbenzene	9.98	105	266827	4.36	ug/L	98
58) 1,1,1,2,2-Tetrachloroethane	10.29	83	72369	5.05	ug/L	98
59) 1,2,3-Trichloropropane	10.32	75	51871	5.15	ug/L	99
61) Bromoform	9.78	173	33675	5.49	ug/L	98
62) 1,3-Dichlorobenzene	11.23	146	132624	4.66	ug/L	99
63) 1,4-Dichlorobenzene	11.32	146	132995	4.72	ug/L	99
65) 1,2-Dichlorobenzene	11.70	146	131665	4.71	ug/L	100
66) 1,2-Dibromo-3-chloropropan	12.48	75	9778	5.03	ug/L	94
67) 1,3,5-Trichlorobenzene	12.70	180	105229	4.81	ug/L	98
68) 1,2,4-trichlorobenzene	13.32	180	74971	4.41	ug/L	99
69) Naphthalene	13.56	128	103574	3.49	ug/L	99
70) 1,2,3-Trichlorobenzene	13.80	180	71517	4.36	ug/L	99

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

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