

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV082118\
 Data File : VV007117.D
 Acq On : 21 Aug 2018 22:22
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0 mL/MSVOA V/WATER
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD00574

Quant Time: Aug 22 03:50:20 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR082118WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Aug 22 03:46:37 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	297968	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	297832	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	136730	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	101929	4.90	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	98.00%
7) Chloroethane-d5	1.58	69	84888	5.02	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	100.40%
11) 1,1-Dichloroethene-d2	2.13	63	183910	4.86	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	97.20%
20) 2-Butanone-d5	3.97	46	289029	59.69	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	119.38%
24) Chloroform-d	4.41	84	212412	5.06	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.20%
26) 1,2-Dichloroethane-d4	5.09	65	106443	5.25	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	105.00%
32) Benzene-d6	5.10	84	410927	4.90	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.00%
36) 1,2-Dichloropropane-d6	6.12	67	133263	4.89	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	97.80%
41) Toluene-d8	7.36	98	387138	5.20	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.00%
43) trans-1,3-Dichloropropene-	7.67	79	47499	5.00	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	100.00%
46) 2-Hexanone-d5	8.15	63	150076	53.10	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	106.20%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	108583	5.43	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	108.60%
64) 1,2-Dichlorobenzene-d4	11.68	152	128778	4.95	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.00%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.14	85	123691	4.83 ug/L	99
3) Chloromethane	1.25	50	127331	4.56 ug/L	99
5) Vinyl chloride	1.32	62	123282	4.73 ug/L	98
6) Bromomethane	1.54	94	38116	4.46 ug/L	97
8) Chloroethane	1.60	64	79674	4.97 ug/L	98
9) Trichlorofluoromethane	1.77	101	171796	4.90 ug/L	98
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	104138	4.75 ug/L	98
12) 1,1-Dichloroethene	2.14	96	97800	4.76 ug/L	98
13) Acetone	2.21	43	133199	47.86 ug/L	87
14) Carbon disulfide	2.32	76	279061	4.73 ug/L	100
15) Methyl Acetate	2.47	43	36313	5.03 ug/L	98
16) Methylene chloride	2.54	84	107694	4.48 ug/L	97
17) Methyl tert-butyl Ether	2.82	73	245156	5.00 ug/L	100
18) trans-1,2-Dichloroethene	2.79	96	105484	4.74 ug/L	98
19) 1,1-Dichloroethane	3.23	63	191353	4.56 ug/L	99
21) 2-Butanone	4.06	43	319379	55.74 ug/L	95
22) cis-1,2-Dichloroethene	3.96	96	119597	4.87 ug/L	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.30	128	54260	4.84	ug/L	93
25) Chloroform	4.43	83	215730	4.81	ug/L	99
27) 1,2-Dichloroethane	5.19	62	132235	5.20	ug/L	99
29) 1,1,1-Trichloroethane	4.66	97	181814	4.70	ug/L	99
30) Cyclohexane	4.72	56	159076	4.59	ug/L	99
31) Carbon tetrachloride	4.88	117	155791	4.81	ug/L	99
33) Benzene	5.15	78	478267	4.87	ug/L	100
34) Trichloroethene	5.96	95	112237	4.74	ug/L	97
35) Methylcyclohexane	6.18	83	164031	4.64	ug/L	99
37) 1,2-Dichloropropane	6.23	63	125644	4.73	ug/L	99
38) Bromodichloromethane	6.56	83	149356	4.84	ug/L	96
39) cis-1,3-Dichloropropene	7.08	75	148327	4.73	ug/L	99
40) 4-Methyl-2-pentanone	7.29	43	716533	55.45	ug/L	100
42) Toluene	7.44	91	479182	5.09	ug/L	98
44) trans-1,3-Dichloropropene	7.70	75	127543	4.89	ug/L	100
45) 1,1,2-Trichloroethane	7.89	97	89984	5.05	ug/L	98
47) Tetrachloroethene	8.02	164	95966	4.86	ug/L	99
48) 2-Hexanone	8.20	43	557427	57.38	ug/L	98
49) Dibromochloromethane	8.30	129	99385	5.07	ug/L	99
50) 1,2-Dibromoethane	8.40	107	78458	5.26	ug/L	98
51) Chlorobenzene	8.93	112	300748	4.85	ug/L	98
52) Ethylbenzene	9.06	91	444081	4.79	ug/L	99
53) m,p-xylene	9.19	106	172033	4.90	ug/L	99
54) o-xylene	9.59	106	162095	4.84	ug/L	98
55) Styrene	9.61	104	285144	5.00	ug/L	97
56) Isopropylbenzene	9.98	105	423294	4.87	ug/L	100
58) 1,1,1,2,2-Tetrachloroethane	10.29	83	108981	5.19	ug/L	97
59) 1,2,3-Trichloropropane	10.32	75	77901	5.13	ug/L	98
61) Bromoform	9.78	173	53904	4.97	ug/L	98
62) 1,3-Dichlorobenzene	11.23	146	208351	4.76	ug/L	98
63) 1,4-Dichlorobenzene	11.32	146	215379	4.69	ug/L	99
65) 1,2-Dichlorobenzene	11.70	146	214593	4.87	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.48	75	13152	5.18	ug/L	87
67) 1,3,5-Trichlorobenzene	12.70	180	153532	4.67	ug/L	99
68) 1,2,4-trichlorobenzene	13.32	180	107893	4.91	ug/L	98
69) Naphthalene	13.56	128	137846	4.73	ug/L	99
70) 1,2,3-Trichlorobenzene	13.80	180	107622	5.01	ug/L	100

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

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