

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV100218\
 Data File : VV008023.D
 Acq On : 02 Oct 2018 10:57
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0 mL/MSVOA V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD00566

Quant Time: Oct 03 05:30:35 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR092718WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Oct 02 04:17:24 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	88711	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	85585	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	46785	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	25930	5.45	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	109.00%
7) Chloroethane-d5	1.59	69	22296	5.43	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	108.60%
11) 1,1-Dichloroethene-d2	2.14	63	56017	5.22	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	104.40%
20) 2-Butanone-d5	3.97	46	74999	52.43	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	104.86%
24) Chloroform-d	4.41	84	61558	5.68	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	113.60%
26) 1,2-Dichloroethane-d4	5.09	65	31085	5.22	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.40%
32) Benzene-d6	5.10	84	114204	5.59	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	111.80%
36) 1,2-Dichloropropane-d6	6.12	67	35855	5.53	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	110.60%
41) Toluene-d8	7.36	98	118053	5.67	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	113.40%
43) trans-1,3-Dichloropropene-	7.67	79	13189	5.29	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	105.80%
46) 2-Hexanone-d5	8.14	63	56350	51.19	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	102.38%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	26251	5.25	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	105.00%
64) 1,2-Dichlorobenzene-d4	11.68	152	47214	5.21	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	104.20%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.14	85	39159	5.263 ug/L	98
3) Chloromethane	1.25	50	32827	4.959 ug/L	100
5) Vinyl chloride	1.33	62	35509	5.010 ug/L	96
6) Bromomethane	1.54	94	21237	4.858 ug/L	99
8) Chloroethane	1.60	64	21849	5.112 ug/L	99
9) Trichlorofluoromethane	1.77	101	60953	5.268 ug/L	98
10) 1,1,2-Trichloro-1,2,2-trif	2.15	101	35182	5.361 ug/L	98
12) 1,1-Dichloroethene	2.15	96	30464	5.195 ug/L	98
13) Acetone	2.22	43	51495	49.410 ug/L	97
14) Carbon disulfide	2.32	76	75358	4.741 ug/L	98
15) Methyl Acetate	2.47	43	12191	4.574 ug/L	100
16) Methylene chloride	2.54	84	32615	5.006 ug/L	95
17) Methyl tert-butyl Ether	2.81	73	73358	5.063 ug/L	99
18) trans-1,2-Dichloroethene	2.79	96	32990	5.104 ug/L	99
19) 1,1-Dichloroethane	3.23	63	57839	5.244 ug/L	99
21) 2-Butanone	4.05	43	83563	50.326 ug/L	99
22) cis-1,2-Dichloroethene	3.96	96	36040	5.507 ug/L	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.30	128	15864	5.574	ug/L	95
25) Chloroform	4.43	83	63365	5.312	ug/L	98
27) 1,2-Dichloroethane	5.19	62	38417	5.005	ug/L	97
29) 1,1,1-Trichloroethane	4.66	97	56508	5.491	ug/L	100
30) Cyclohexane	4.72	56	48885	5.053	ug/L	100
31) Carbon tetrachloride	4.88	117	50007	5.512	ug/L	99
33) Benzene	5.15	78	132015	5.387	ug/L	100
34) Trichloroethene	5.96	95	36225	5.162	ug/L	98
35) Methylcyclohexane	6.18	83	55103	5.237	ug/L	99
37) 1,2-Dichloropropane	6.23	63	34871	5.570	ug/L	100
38) Bromodichloromethane	6.56	83	40468	5.406	ug/L	98
39) cis-1,3-Dichloropropene	7.07	75	44053	5.260	ug/L	97
40) 4-Methyl-2-pentanone	7.28	43	201329	51.235	ug/L	99
42) Toluene	7.43	91	147298	5.519	ug/L	98
44) trans-1,3-Dichloropropene	7.70	75	37416	5.375	ug/L	98
45) 1,1,2-Trichloroethane	7.89	97	24215	5.359	ug/L	98
47) Tetrachloroethene	8.02	164	34905	5.368	ug/L	99
48) 2-Hexanone	8.19	43	144812	52.986	ug/L	99
49) Dibromochloromethane	8.29	129	29278	5.677	ug/L	100
50) 1,2-Dibromoethane	8.40	107	22215	5.379	ug/L	94
51) Chlorobenzene	8.93	112	98210	5.327	ug/L	99
52) Ethylbenzene	9.06	91	159050	5.342	ug/L	99
53) m,p-xylene	9.18	106	61282	5.405	ug/L	98
54) o-xylene	9.59	106	59256	5.411	ug/L	94
55) Styrene	9.61	104	103366	5.527	ug/L	100
56) Isopropylbenzene	9.98	105	160989	5.428	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	10.29	83	27421	5.167	ug/L	93
59) 1,2,3-Trichloropropane	10.32	75	20094	5.159	ug/L	99
61) Bromoform	9.78	173	16184	5.760	ug/L	94
62) 1,3-Dichlorobenzene	11.23	146	82292	5.328	ug/L	99
63) 1,4-Dichlorobenzene	11.32	146	83716	5.213	ug/L	99
65) 1,2-Dichlorobenzene	11.69	146	78081	5.362	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.48	75	3884	5.237	ug/L	94
67) 1,3,5-Trichlorobenzene	12.70	180	70339	5.319	ug/L	99
68) 1,2,4-trichlorobenzene	13.32	180	56008	5.011	ug/L	99
69) Naphthalene	13.56	128	70893	4.534	ug/L	98
70) 1,2,3-Trichlorobenzene	13.80	180	52339	5.170	ug/L	99

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

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