

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV101618\
 Data File : VV008308.D
 Acq On : 16 Oct 2018 20:40
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0 mL/MSVOA V/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD00569

Quant Time: Oct 17 02:33:34 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR101518WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Oct 17 02:28:08 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	86056	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	78611	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	34701	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	22242	4.57	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	91.40%
7) Chloroethane-d5	1.58	69	17539	4.57	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	91.40%
11) 1,1-Dichloroethene-d2	2.13	63	46177	4.95	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	99.00%
20) 2-Butanone-d5	3.98	46	81864	50.19	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	100.38%
24) Chloroform-d	4.41	84	48828	4.49	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.80%
26) 1,2-Dichloroethane-d4	5.09	65	25641	4.65	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.00%
32) Benzene-d6	5.10	84	100931	4.37	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.40%
36) 1,2-Dichloropropane-d6	6.12	67	35214	4.63	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	92.60%
41) Toluene-d8	7.36	98	92489	4.42	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.40%
43) trans-1,3-Dichloropropene-	7.67	79	13359	4.24	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	84.80%
46) 2-Hexanone-d5	8.14	63	56735	51.34	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	102.68%
57) 1,1,2,2-Tetrachloroethane-	10.27	84	23010	4.56	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	91.20%
64) 1,2-Dichlorobenzene-d4	11.68	152	30156	4.58	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	91.60%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.14	85	30185	4.556	ug/L 99
3) Chloromethane	1.25	50	35387	5.233	ug/L 96
5) Vinyl chloride	1.32	62	33409	5.218	ug/L 97
6) Bromomethane	1.54	94	18955	5.173	ug/L 99
8) Chloroethane	1.60	64	18246	5.482	ug/L 95
9) Trichlorofluoromethane	1.77	101	45856	5.890	ug/L 98
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	24336	5.478	ug/L 98
12) 1,1-Dichloroethene	2.14	96	23094	5.586	ug/L 93
13) Acetone	2.23	43	45609	51.677	ug/L 99
14) Carbon disulfide	2.32	76	76938	5.409	ug/L 99
15) Methyl Acetate	2.48	43	11890	5.416	ug/L 95
16) Methylene chloride	2.54	84	25328	5.293	ug/L 97
17) Methyl tert-butyl Ether	2.82	73	70094	5.969	ug/L 97
18) trans-1,2-Dichloroethene	2.79	96	24817	5.580	ug/L 95
19) 1,1-Dichloroethane	3.23	63	48717	5.302	ug/L 98
21) 2-Butanone	4.07	43	89279	48.717	ug/L 99
22) cis-1,2-Dichloroethene	3.96	96	34604	4.819	ug/L # 97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.31	128	13824	5.192	ug/L	93
25) Chloroform	4.43	83	55215	4.902	ug/L	95
27) 1,2-Dichloroethane	5.19	62	35385	5.284	ug/L	98
29) 1,1,1-Trichloroethane	4.66	97	47712	4.874	ug/L	97
30) Cyclohexane	4.72	56	59040	4.798	ug/L	99
31) Carbon tetrachloride	4.87	117	40205	4.884	ug/L	99
33) Benzene	5.15	78	129496	4.888	ug/L	100
34) Trichloroethene	5.96	95	35867	4.886	ug/L	96
35) Methylcyclohexane	6.18	83	58693	4.741	ug/L	99
37) 1,2-Dichloropropane	6.23	63	35854	5.016	ug/L	100
38) Bromodichloromethane	6.56	83	40017	4.984	ug/L	97
39) cis-1,3-Dichloropropene	7.07	75	50396	4.942	ug/L	97
40) 4-Methyl-2-pentanone	7.29	43	226539	51.752	ug/L	99
42) Toluene	7.43	91	136375	4.939	ug/L	98
44) trans-1,3-Dichloropropene	7.70	75	40403	4.950	ug/L	99
45) 1,1,2-Trichloroethane	7.89	97	22729	5.122	ug/L	98
47) Tetrachloroethene	8.02	164	23508	5.111	ug/L	94
48) 2-Hexanone	8.20	43	160986	50.317	ug/L	98
49) Dibromochloromethane	8.29	129	25542	5.050	ug/L	97
50) 1,2-Dibromoethane	8.40	107	21394	5.144	ug/L	88
51) Chlorobenzene	8.93	112	83533	5.092	ug/L	99
52) Ethylbenzene	9.06	91	148921	4.905	ug/L	99
53) m,p-xylene	9.18	106	56511	5.146	ug/L	96
54) o-xylene	9.59	106	54885	5.016	ug/L	100
55) Styrene	9.61	104	89198	5.067	ug/L	98
56) Isopropylbenzene	9.98	105	143805	4.988	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	10.29	83	24714	4.895	ug/L	97
59) 1,2,3-Trichloropropane	10.32	75	20717	5.180	ug/L	97
61) Bromoform	9.78	173	12935	5.099	ug/L	98
62) 1,3-Dichlorobenzene	11.23	146	60001	5.108	ug/L	96
63) 1,4-Dichlorobenzene	11.32	146	59274	5.097	ug/L	96
65) 1,2-Dichlorobenzene	11.69	146	57092	5.070	ug/L	98
66) 1,2-Dibromo-3-chloropropan	12.48	75	3660	4.309	ug/L	92
67) 1,3,5-Trichlorobenzene	12.70	180	39496	5.197	ug/L	99
68) 1,2,4-trichlorobenzene	13.31	180	29221	5.401	ug/L	100
69) Naphthalene	13.56	128	51257	5.083	ug/L	100
70) 1,2,3-Trichlorobenzene	13.80	180	28625	5.330	ug/L	98

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

