

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV111918\
 Data File : VV008640.D
 Acq On : 19 Nov 2018 10:17
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0 mL/MSVOA V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD00580

Quant Time: Nov 20 06:57:21 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR111718WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Mon Nov 19 02:55:31 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	145422	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	131083	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	61356	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	27278	4.23	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	84.60%
7) Chloroethane-d5	1.59	69	23712	4.46	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	89.20%
11) 1,1-Dichloroethene-d2	2.14	63	61888	4.72	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	94.40%
20) 2-Butanone-d5	3.97	46	102611	44.39	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	88.78%
24) Chloroform-d	4.41	84	84625	4.80	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.00%
26) 1,2-Dichloroethane-d4	5.09	65	41680	4.64	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.80%
32) Benzene-d6	5.10	84	156503	4.58	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.60%
36) 1,2-Dichloropropane-d6	6.12	67	51525	4.67	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	93.40%
41) Toluene-d8	7.36	98	149575	4.66	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.20%
43) trans-1,3-Dichloropropene-	7.67	79	19216	4.57	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	91.40%
46) 2-Hexanone-d5	8.14	63	86322	45.31	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	90.62%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	36576	4.75	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.00%
64) 1,2-Dichlorobenzene-d4	11.68	152	51343	4.63	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	92.60%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.14	85	61350	5.117	ug/L 99
3) Chloromethane	1.25	50	47644	4.755	ug/L 98
5) Vinyl chloride	1.33	62	47738	5.191	ug/L 97
6) Bromomethane	1.54	94	21115	3.681	ug/L 95
8) Chloroethane	1.60	64	27191	5.046	ug/L 99
9) Trichlorofluoromethane	1.77	101	68993	5.443	ug/L 99
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	39133	5.291	ug/L 97
12) 1,1-Dichloroethene	2.15	96	34399	5.102	ug/L 94
13) Acetone	2.23	43	56514	46.884	ug/L 94
14) Carbon disulfide	2.32	76	113194	5.379	ug/L 97
15) Methyl Acetate	2.48	43	13184	4.371	ug/L 92
16) Methylene chloride	2.54	84	37367	4.552	ug/L 98
17) Methyl tert-butyl Ether	2.81	73	87825	4.895	ug/L 99
18) trans-1,2-Dichloroethene	2.79	96	38100	5.206	ug/L 92
19) 1,1-Dichloroethane	3.23	63	93666	5.058	ug/L 98
21) 2-Butanone	4.06	43	127626	47.290	ug/L 99
22) cis-1,2-Dichloroethene	3.96	96	55000	4.979	ug/L 99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.30	128	21932	5.159	ug/L	95
25) Chloroform	4.43	83	101647	4.345	ug/L	98
27) 1,2-Dichloroethane	5.18	62	60477	5.181	ug/L	99
29) 1,1,1-Trichloroethane	4.66	97	84733	5.120	ug/L	100
30) Cyclohexane	4.72	56	89554	4.866	ug/L	99
31) Carbon tetrachloride	4.87	117	72841	5.175	ug/L	99
33) Benzene	5.15	78	203491	4.896	ug/L	100
34) Trichloroethene	5.96	95	56153	5.112	ug/L	99
35) Methylcyclohexane	6.18	83	91746	4.932	ug/L	99
37) 1,2-Dichloropropane	6.23	63	53672	4.914	ug/L	98
38) Bromodichloromethane	6.56	83	68806	5.163	ug/L	98
39) cis-1,3-Dichloropropene	7.07	75	73742	5.022	ug/L	100
40) 4-Methyl-2-pentanone	7.28	43	297943	46.599	ug/L	100
42) Toluene	7.43	91	215360	4.973	ug/L	98
44) trans-1,3-Dichloropropene	7.70	75	58473	4.888	ug/L	99
45) 1,1,2-Trichloroethane	7.89	97	34685	4.990	ug/L	98
47) Tetrachloroethene	8.02	164	40581	5.105	ug/L	91
48) 2-Hexanone	8.19	43	205370	47.590	ug/L	97
49) Dibromochloromethane	8.29	129	41445	5.242	ug/L	97
50) 1,2-Dibromoethane	8.40	107	31592	5.029	ug/L #	92
51) Chlorobenzene	8.93	112	136960	5.126	ug/L	99
52) Ethylbenzene	9.06	91	237761	4.988	ug/L	98
53) m,p-xylene	9.18	106	88907	5.045	ug/L	97
54) o-xylene	9.59	106	84728	4.940	ug/L	99
55) Styrene	9.60	104	142807	5.159	ug/L	97
56) Isopropylbenzene	9.98	105	228840	4.970	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	10.29	83	41640	5.075	ug/L	100
59) 1,2,3-Trichloropropane	10.32	75	30135	4.864	ug/L	97
61) Bromoform	9.78	173	20613	5.228	ug/L #	97
62) 1,3-Dichlorobenzene	11.23	146	102562	5.131	ug/L	98
63) 1,4-Dichlorobenzene	11.32	146	99828	5.068	ug/L	98
65) 1,2-Dichlorobenzene	11.69	146	95112	4.998	ug/L	98
66) 1,2-Dibromo-3-chloropropan	12.48	75	6691	5.494	ug/L #	85
67) 1,3,5-Trichlorobenzene	12.69	180	75399	5.209	ug/L	99
68) 1,2,4-trichlorobenzene	13.31	180	61056	5.234	ug/L	98
69) Naphthalene	13.56	128	91441	4.825	ug/L	98
70) 1,2,3-Trichlorobenzene	13.80	180	55567	5.164	ug/L	99

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

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