

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV101618\
 Data File : VV008287.D
 Acq On : 16 Oct 2018 09:40
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0 mL/MSVOA V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD00568

Quant Time: Oct 17 02:25:21 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR101518WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Oct 16 05:17:07 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	64695	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	57101	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	23808	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	18501	5.06	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	101.20%
7) Chloroethane-d5	1.58	69	13828	4.79	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	95.80%
11) 1,1-Dichloroethene-d2	2.13	63	34094	4.86	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	97.20%
20) 2-Butanone-d5	3.98	46	63099	51.46	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	102.92%
24) Chloroform-d	4.41	84	39485	4.83	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.60%
26) 1,2-Dichloroethane-d4	5.09	65	20122	4.86	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.20%
32) Benzene-d6	5.10	84	81266	4.84	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.80%
36) 1,2-Dichloropropane-d6	6.12	67	28623	5.19	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	103.80%
41) Toluene-d8	7.36	98	72546	4.77	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.40%
43) trans-1,3-Dichloropropene-	7.67	79	10076	4.40	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	88.00%
46) 2-Hexanone-d5	8.14	63	42518	52.97	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	105.94%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	17997	4.91	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	98.20%
64) 1,2-Dichlorobenzene-d4	11.68	152	22418	4.96	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.20%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.14	85	21416	4.300	ug/L 99
3) Chloromethane	1.25	50	25960	5.106	ug/L 98
5) Vinyl chloride	1.32	62	24390	5.067	ug/L 99
6) Bromomethane	1.54	94	12994	4.717	ug/L 98
8) Chloroethane	1.60	64	13180	5.267	ug/L 100
9) Trichlorofluoromethane	1.77	101	29388	5.022	ug/L 99
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	15847	4.745	ug/L 99
12) 1,1-Dichloroethene	2.14	96	15417	4.961	ug/L 91
13) Acetone	2.23	43	32763	49.379	ug/L 98
14) Carbon disulfide	2.32	76	52964	4.953	ug/L 100
15) Methyl Acetate	2.48	43	8819	5.343	ug/L 92
16) Methylene chloride	2.54	84	17789	4.945	ug/L 98
17) Methyl tert-butyl Ether	2.81	73	49391	5.594	ug/L 98
18) trans-1,2-Dichloroethene	2.79	96	17692	5.291	ug/L 99
19) 1,1-Dichloroethane	3.23	63	35558	5.147	ug/L 98
21) 2-Butanone	4.06	43	68673	49.846	ug/L 99
22) cis-1,2-Dichloroethene	3.96	96	26166	4.847	ug/L # 98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.30	128	9988	4.990	ug/L	89
25) Chloroform	4.43	83	42980	5.076	ug/L	98
27) 1,2-Dichloroethane	5.19	62	26838	5.331	ug/L	100
29) 1,1,1-Trichloroethane	4.66	97	35205	4.951	ug/L	98
30) Cyclohexane	4.72	56	42123	4.713	ug/L	98
31) Carbon tetrachloride	4.87	117	29325	4.905	ug/L	98
33) Benzene	5.15	78	98447	5.116	ug/L	100
34) Trichloroethene	5.96	95	25867	4.851	ug/L	95
35) Methylcyclohexane	6.18	83	41205	4.582	ug/L	98
37) 1,2-Dichloropropane	6.23	63	26298	5.065	ug/L	100
38) Bromodichloromethane	6.56	83	31239	5.356	ug/L	98
39) cis-1,3-Dichloropropene	7.07	75	35300	4.765	ug/L	97
40) 4-Methyl-2-pentanone	7.29	43	171073	53.803	ug/L	99
42) Toluene	7.43	91	98830	4.927	ug/L	99
44) trans-1,3-Dichloropropene	7.70	75	27727	4.677	ug/L	98
45) 1,1,2-Trichloroethane	7.89	97	17259	5.355	ug/L	98
47) Tetrachloroethene	8.02	164	16810	5.032	ug/L	92
48) 2-Hexanone	8.19	43	122609	52.758	ug/L	99
49) Dibromochloromethane	8.29	129	19995	5.443	ug/L	97
50) 1,2-Dibromoethane	8.40	107	16205	5.364	ug/L	92
51) Chlorobenzene	8.93	112	61357	5.149	ug/L	98
52) Ethylbenzene	9.06	91	108733	4.930	ug/L	99
53) m,p-xylene	9.18	106	39873	4.998	ug/L	99
54) o-xylene	9.59	106	39742	5.001	ug/L	99
55) Styrene	9.61	104	65329	5.109	ug/L	99
56) Isopropylbenzene	9.98	105	103058	4.921	ug/L	100
58) 1,1,1,2,2-Tetrachloroethane	10.29	83	18915	5.158	ug/L	99
59) 1,2,3-Trichloropropane	10.32	75	15202	5.233	ug/L	98
61) Bromoform	9.78	173	9908	5.693	ug/L	100
62) 1,3-Dichlorobenzene	11.23	146	41828	5.191	ug/L	96
63) 1,4-Dichlorobenzene	11.32	146	41463	5.197	ug/L	97
65) 1,2-Dichlorobenzene	11.69	146	39897	5.164	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.48	75	2822	4.842	ug/L	95
67) 1,3,5-Trichlorobenzene	12.70	180	26778	5.136	ug/L	98
68) 1,2,4-trichlorobenzene	13.32	180	19252	5.187	ug/L	96
69) Naphthalene	13.56	128	35690	5.158	ug/L	99
70) 1,2,3-Trichlorobenzene	13.80	180	19293	5.236	ug/L	98

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

