

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV120718\
 Data File : VV008884.D
 Acq On : 07 Dec 2018 18:49
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0 mL/MSVOA V/WATER
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD00572

Quant Time: Dec 07 22:20:59 2018
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR120518WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Dec 06 04:51:41 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.67	114	104136	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.90	117	95635	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	48065	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	24259	4.37	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	87.40%
7) Chloroethane-d5	1.59	69	19919	4.86	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	97.20%
11) 1,1-Dichloroethene-d2	2.13	63	59234	5.53	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	110.60%
20) 2-Butanone-d5	3.98	46	74880	54.59	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	109.18%
24) Chloroform-d	4.41	84	64627	5.01	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.20%
26) 1,2-Dichloroethane-d4	5.09	65	32214	5.28	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	105.60%
32) Benzene-d6	5.10	84	125832	5.03	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.60%
36) 1,2-Dichloropropane-d6	6.12	67	36516	4.97	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.40%
41) Toluene-d8	7.36	98	118606	5.01	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.20%
43) trans-1,3-Dichloropropene-	7.67	79	13742	4.96	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	99.20%
46) 2-Hexanone-d5	8.14	63	60142	56.96	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	113.92%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	26417	5.37	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	107.40%
64) 1,2-Dichlorobenzene-d4	11.68	152	44039	4.97	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	99.40%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.14	85	44031	4.451	ug/L 99
3) Chloromethane	1.25	50	29070	4.435	ug/L 99
5) Vinyl chloride	1.32	62	30646	4.588	ug/L 96
6) Bromomethane	1.54	94	18440	4.710	ug/L 96
8) Chloroethane	1.60	64	16840	4.488	ug/L 98
9) Trichlorofluoromethane	1.77	101	51600	4.794	ug/L 99
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	32315	5.518	ug/L 98
12) 1,1-Dichloroethene	2.14	96	29696	5.820	ug/L 94
13) Acetone	2.23	43	45163	59.154	ug/L 99
14) Carbon disulfide	2.32	76	86516	5.635	ug/L 98
15) Methyl Acetate	2.47	43	11463	6.797	ug/L 95
16) Methylene chloride	2.54	84	31086	5.641	ug/L 96
17) Methyl tert-butyl Ether	2.81	73	70979	5.666	ug/L 98
18) trans-1,2-Dichloroethene	2.79	96	32104	5.757	ug/L 90
19) 1,1-Dichloroethane	3.23	63	57954	4.755	ug/L 99
21) 2-Butanone	4.06	43	66655	46.488	ug/L 100
22) cis-1,2-Dichloroethene	3.96	96	36320	4.757	ug/L 98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.30	128	15414	4.773	ug/L	95
25) Chloroform	4.43	83	62041	4.696	ug/L	98
27) 1,2-Dichloroethane	5.19	62	36916	4.896	ug/L	99
29) 1,1,1-Trichloroethane	4.66	97	54581	4.819	ug/L	99
30) Cyclohexane	4.72	56	49581	4.555	ug/L	99
31) Carbon tetrachloride	4.87	117	48705	4.777	ug/L	99
33) Benzene	5.15	78	130328	4.793	ug/L	100
34) Trichloroethene	5.96	95	37540	4.747	ug/L	98
35) Methylcyclohexane	6.17	83	55321	4.422	ug/L	98
37) 1,2-Dichloropropane	6.23	63	31214	4.684	ug/L	99
38) Bromodichloromethane	6.56	83	39650	4.835	ug/L	98
39) cis-1,3-Dichloropropene	7.07	75	44026	4.714	ug/L	98
40) 4-Methyl-2-pentanone	7.28	43	166282	49.191	ug/L	99
42) Toluene	7.43	91	140331	4.781	ug/L	97
44) trans-1,3-Dichloropropene	7.70	75	35575	4.911	ug/L	95
45) 1,1,2-Trichloroethane	7.89	97	22703	4.852	ug/L	97
47) Tetrachloroethene	8.02	164	30395	4.790	ug/L	98
48) 2-Hexanone	8.19	43	115919	48.646	ug/L	98
49) Dibromochloromethane	8.29	129	26131	4.775	ug/L	98
50) 1,2-Dibromoethane	8.40	107	21815	4.976	ug/L #	100
51) Chlorobenzene	8.93	112	91941	4.761	ug/L	99
52) Ethylbenzene	9.06	91	150327	4.691	ug/L	100
53) m,p-xylene	9.18	106	57404	4.689	ug/L	99
54) o-xylene	9.59	106	55719	4.772	ug/L	95
55) Styrene	9.60	104	94884	4.913	ug/L	98
56) Isopropylbenzene	9.98	105	151063	4.782	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	10.29	83	23452	4.967	ug/L	94
59) 1,2,3-Trichloropropane	10.32	75	18835	4.736	ug/L	96
61) Bromoform	9.78	173	13004	4.547	ug/L	97
62) 1,3-Dichlorobenzene	11.23	146	70953	4.566	ug/L	99
63) 1,4-Dichlorobenzene	11.32	146	72768	4.580	ug/L	98
65) 1,2-Dichlorobenzene	11.69	146	67695	4.716	ug/L	97
66) 1,2-Dibromo-3-chloropropan	12.48	75	3474	4.821	ug/L	94
67) 1,3,5-Trichlorobenzene	12.69	180	53325	4.610	ug/L	99
68) 1,2,4-trichlorobenzene	13.31	180	39150	4.555	ug/L	99
69) Naphthalene	13.56	128	56220	4.506	ug/L	99
70) 1,2,3-Trichlorobenzene	13.80	180	38838	4.828	ug/L	95

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

