

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV111919\
 Data File : VV013683.D
 Acq On : 19 Nov 2019 18:12
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD00541

Quant Time: Nov 20 01:35:58 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR111519WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Nov 20 01:31:47 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	483194	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	461996	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	252531	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	102998	3.45	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	69.00%
7) Chloroethane-d5	1.58	69	102899	3.86	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	77.20%
11) 1,1-Dichloroethene-d2	2.13	63	215850	4.03	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	80.60%
20) 2-Butanone-d5	3.96	46	389677	56.45	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	112.90%
24) Chloroform-d	4.40	84	273051	4.14	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	82.80%
26) 1,2-Dichloroethane-d4	5.08	65	136024	4.29	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.80%
32) Benzene-d6	5.09	84	525329	4.08	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	81.60%
36) 1,2-Dichloropropane-d6	6.11	67	166289	4.37	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	87.40%
41) Toluene-d8	7.35	98	485446	4.06	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	81.20%
43) trans-1,3-Dichloropropene-	7.66	79	62080	4.24	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	84.80%
46) 2-Hexanone-d5	8.13	63	307924	55.56	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	111.12%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	127867	4.65	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	93.00%
64) 1,2-Dichlorobenzene-d4	11.67	152	208276	4.29	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	85.80%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.14	85	215078	4.840 ug/L	99
3) Chloromethane	1.25	50	201355	4.710 ug/L	98
5) Vinyl chloride	1.32	62	200489	4.923 ug/L	99
6) Bromomethane	1.53	94	113313	4.565 ug/L	99
8) Chloroethane	1.60	64	114955	5.029 ug/L	100
9) Trichlorofluoromethane	1.77	101	270528	4.997 ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	153069	5.148 ug/L	97
12) 1,1-Dichloroethene	2.14	96	145970	5.056 ug/L	96
13) Acetone	2.22	43	261665	60.083 ug/L #	35
14) Carbon disulfide	2.31	76	464931	4.669 ug/L	100
15) Methyl Acetate	2.47	43	67258	5.453 ug/L	99
16) Methylene chloride	2.53	84	178296	4.444 ug/L	99
17) Methyl tert-butyl Ether	2.80	73	398979	5.411 ug/L	98
18) trans-1,2-Dichloroethene	2.79	96	175324	4.925 ug/L	92
19) 1,1-Dichloroethane	3.23	63	316596	4.980 ug/L	99
21) 2-Butanone	4.04	43	468663	64.173 ug/L	98
22) cis-1,2-Dichloroethene	3.96	96	188313	5.096 ug/L #	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.30	128	86308	5.067	ug/L	97
25) Chloroform	4.42	83	320610	3.724	ug/L	98
27) 1,2-Dichloroethane	5.18	62	196679	5.142	ug/L	100
29) 1,1,1-Trichloroethane	4.65	97	277981	4.978	ug/L	98
30) Cyclohexane	4.72	56	296534	5.337	ug/L	100
31) Carbon tetrachloride	4.87	117	248328	4.922	ug/L	96
33) Benzene	5.14	78	717413	5.130	ug/L	100
34) Trichloroethene	5.96	95	188905	5.047	ug/L	98
35) Methylcyclohexane	6.17	83	312099	5.467	ug/L	97
37) 1,2-Dichloropropane	6.22	63	178688	5.336	ug/L	99
38) Bromodichloromethane	6.55	83	222722	4.769	ug/L	99
39) cis-1,3-Dichloropropene	7.07	75	260075	5.404	ug/L	98
40) 4-Methyl-2-pentanone	7.27	43	1148713	58.966	ug/L	98
42) Toluene	7.43	91	801155	5.362	ug/L	98
44) trans-1,3-Dichloropropene	7.69	75	201653	5.316	ug/L	98
45) 1,1,2-Trichloroethane	7.88	97	126471	5.237	ug/L	98
47) Tetrachloroethene	8.01	164	175524	5.061	ug/L	98
48) 2-Hexanone	8.18	43	821979	59.492	ug/L	97
49) Dibromochloromethane	8.29	129	158717	5.178	ug/L	100
50) 1,2-Dibromoethane	8.39	107	120154	5.180	ug/L	99
51) Chlorobenzene	8.92	112	502709	5.075	ug/L	100
52) Ethylbenzene	9.05	91	863652	5.423	ug/L	100
53) m,p-xylene	9.18	106	348280	5.799	ug/L	100
54) o-xylene	9.58	106	316110	5.472	ug/L	99
55) Styrene	9.60	104	541977	5.547	ug/L	98
56) Isopropylbenzene	9.97	105	845683	5.506	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	10.28	83	142120	5.305	ug/L	99
59) 1,2,3-Trichloropropane	10.32	75	110270	5.328	ug/L	98
61) Bromoform	9.77	173	96245	5.091	ug/L	97
62) 1,3-Dichlorobenzene	11.22	146	436538	5.158	ug/L	99
63) 1,4-Dichlorobenzene	11.31	146	430009	5.003	ug/L	99
65) 1,2-Dichlorobenzene	11.68	146	396939	5.035	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.47	75	23275	4.944	ug/L	92
67) 1,3,5-Trichlorobenzene	12.69	180	360368	5.130	ug/L	99
68) 1,2,4-trichlorobenzene	13.31	180	299640	5.192	ug/L	98
69) Naphthalene	13.55	128	449881	5.708	ug/L	100
70) 1,2,3-Trichlorobenzene	13.79	180	282862	5.366	ug/L	100

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

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