

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV092119\
 Data File : VV012926.D
 Acq On : 20 Sep 2019 16:08
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD00544

Quant Time: Sep 21 00:45:57 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR091719WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Sep 21 00:42:58 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	386241	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	373221	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	186045	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	127328	3.33	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	66.60%
7) Chloroethane-d5	1.58	69	119930	3.98	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	79.60%
11) 1,1-Dichloroethene-d2	2.13	63	205615	3.65	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	73.00%
20) 2-Butanone-d5	3.97	46	419959	52.46	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	104.92%
24) Chloroform-d	4.40	84	270866	4.34	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.80%
26) 1,2-Dichloroethane-d4	5.08	65	137933	4.52	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.40%
32) Benzene-d6	5.10	84	526293	4.25	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.00%
36) 1,2-Dichloropropane-d6	6.12	67	167586	4.45	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	89.00%
41) Toluene-d8	7.36	98	471031	4.29	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.80%
43) trans-1,3-Dichloropropene-	7.66	79	58415	4.31	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	86.20%
46) 2-Hexanone-d5	8.13	63	280468	49.28	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	98.56%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	126404	4.34	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	86.80%
64) 1,2-Dichlorobenzene-d4	11.67	152	175092	4.36	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	87.20%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.14	85	135440	5.561	ug/L 100
3) Chloromethane	1.26	50	122946	4.577	ug/L 99
5) Vinyl chloride	1.32	62	143395	4.600	ug/L 99
6) Bromomethane	1.53	94	73921	4.934	ug/L 99
8) Chloroethane	1.60	64	78248	4.779	ug/L 97
9) Trichlorofluoromethane	1.77	101	178305	4.702	ug/L 100
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	107593	4.728	ug/L 99
12) 1,1-Dichloroethene	2.14	96	94345	4.559	ug/L 94
13) Acetone	2.24	43	206025	48.669	ug/L 92
14) Carbon disulfide	2.31	76	203194	4.793	ug/L 99
15) Methyl Acetate	2.48	43	52496	4.740	ug/L # 88
16) Methylene chloride	2.53	84	124684	4.900	ug/L 98
17) Methyl tert-butyl Ether	2.81	73	270582	4.623	ug/L 99
18) trans-1,2-Dichloroethene	2.79	96	103428	4.497	ug/L 98
19) 1,1-Dichloroethane	3.23	63	229916	4.844	ug/L 99
21) 2-Butanone	4.05	43	362972	52.192	ug/L # 74
22) cis-1,2-Dichloroethene	3.96	96	125967	4.874	ug/L 95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.30	128	55217	4.825	ug/L	96
25) Chloroform	4.42	83	249449	4.665	ug/L	98
27) 1,2-Dichloroethane	5.18	62	139752	4.915	ug/L	96
29) 1,1,1-Trichloroethane	4.66	97	190105	4.902	ug/L	99
30) Cyclohexane	4.72	56	158786	4.909	ug/L	97
31) Carbon tetrachloride	4.87	117	156615	4.768	ug/L	97
33) Benzene	5.14	78	481035	4.967	ug/L	100
34) Trichloroethene	5.96	95	126424	5.068	ug/L	97
35) Methylcyclohexane	6.17	83	162141	4.844	ug/L	98
37) 1,2-Dichloropropane	6.22	63	134731	5.106	ug/L	100
38) Bromodichloromethane	6.55	83	164762	4.797	ug/L	99
39) cis-1,3-Dichloropropene	7.07	75	161618	4.623	ug/L	97
40) 4-Methyl-2-pentanone	7.28	43	897927	52.841	ug/L	99
42) Toluene	7.43	91	512942	5.088	ug/L	99
44) trans-1,3-Dichloropropene	7.69	75	137003	4.907	ug/L	99
45) 1,1,2-Trichloroethane	7.88	97	96502	4.879	ug/L	98
47) Tetrachloroethene	8.02	164	99316	4.955	ug/L	98
48) 2-Hexanone	8.19	43	666516	54.284	ug/L	98
49) Dibromochloromethane	8.29	129	113547	5.042	ug/L	97
50) 1,2-Dibromoethane	8.40	107	80988	4.920	ug/L #	97
51) Chlorobenzene	8.92	112	341694	4.939	ug/L	99
52) Ethylbenzene	9.05	91	543068	5.022	ug/L	99
53) m,p-xylene	9.18	106	206956	5.189	ug/L	99
54) o-xylene	9.59	106	201627	5.142	ug/L	99
55) Styrene	9.60	104	359607	5.346	ug/L	99
56) Isopropylbenzene	9.97	105	552829	5.255	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.28	83	104827	4.232	ug/L	97
59) 1,2,3-Trichloropropane	10.31	75	83643	4.859	ug/L	98
61) Bromoform	9.77	173	63975	5.015	ug/L	99
62) 1,3-Dichlorobenzene	11.22	146	274568	4.938	ug/L	99
63) 1,4-Dichlorobenzene	11.31	146	272483	4.776	ug/L	99
65) 1,2-Dichlorobenzene	11.69	146	269850	4.921	ug/L	98
66) 1,2-Dibromo-3-chloropropan	12.47	75	16561	4.394	ug/L	98
67) 1,3,5-Trichlorobenzene	12.69	180	202736	4.664	ug/L	99
68) 1,2,4-trichlorobenzene	13.31	180	158581	4.543	ug/L	99
69) Naphthalene	13.55	128	230467	4.369	ug/L	99
70) 1,2,3-Trichlorobenzene	13.79	180	159939	4.644	ug/L	98

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

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