

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV091519\
 Data File : VV012788.D
 Acq On : 15 Sep 2019 08:27
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD00555

Quant Time: Sep 16 07:14:01 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR090919WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Sep 13 08:13:22 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	489166	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	473709	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	239764	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	181262	5.46	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	109.20%
7) Chloroethane-d5	1.58	69	144742	5.27	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	105.40%
11) 1,1-Dichloroethene-d2	2.13	63	290465	5.42	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	108.40%
20) 2-Butanone-d5	3.97	46	343905	43.07	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	86.14%
24) Chloroform-d	4.40	84	295585	4.90	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.00%
26) 1,2-Dichloroethane-d4	5.08	65	141209	4.89	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.80%
32) Benzene-d6	5.09	84	606202	5.35	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	107.00%
36) 1,2-Dichloropropane-d6	6.12	67	182474	5.08	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	101.60%
41) Toluene-d8	7.36	98	559960	5.52	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	110.40%
43) trans-1,3-Dichloropropene-	7.66	79	62552	5.06	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	101.20%
46) 2-Hexanone-d5	8.14	63	208010	44.46	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	88.92%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	111488	4.32	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	86.40%
64) 1,2-Dichlorobenzene-d4	11.67	152	185078	4.51	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	90.20%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.14	85	166369	4.033	ug/L 100
3) Chloromethane	1.25	50	167065	4.011	ug/L 99
5) Vinyl chloride	1.32	62	173783	4.088	ug/L 98
6) Bromomethane	1.53	94	98381	4.222	ug/L 98
8) Chloroethane	1.60	64	106280	4.228	ug/L 97
9) Trichlorofluoromethane	1.77	101	234024	4.388	ug/L 98
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	140171	4.393	ug/L 98
12) 1,1-Dichloroethene	2.14	96	125631	4.135	ug/L 90
13) Acetone	2.23	43	223626	47.781	ug/L 96
14) Carbon disulfide	2.31	76	320107	3.917	ug/L 99
15) Methyl Acetate	2.47	43	55922	4.441	ug/L 97
16) Methylene chloride	2.53	84	137997	3.715	ug/L 94
17) Methyl tert-butyl Ether	2.81	73	311382	4.368	ug/L 99
18) trans-1,2-Dichloroethene	2.78	96	142611	4.174	ug/L 98
19) 1,1-Dichloroethane	3.23	63	281482	4.377	ug/L 98
21) 2-Butanone	4.06	43	381897	47.582	ug/L 97
22) cis-1,2-Dichloroethene	3.96	96	151763	4.089	ug/L 95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.30	128	65645	4.139	ug/L	96
25) Chloroform	4.42	83	290953	4.108	ug/L	98
27) 1,2-Dichloroethane	5.18	62	163687	4.408	ug/L	99
29) 1,1,1-Trichloroethane	4.65	97	220918	4.237	ug/L	98
30) Cyclohexane	4.72	56	219946	4.237	ug/L	99
31) Carbon tetrachloride	4.87	117	196168	4.271	ug/L	99
33) Benzene	5.14	78	608181	4.393	ug/L	100
34) Trichloroethene	5.96	95	162328	4.243	ug/L	97
35) Methylcyclohexane	6.17	83	228888	4.233	ug/L	99
37) 1,2-Dichloropropane	6.22	63	154809	4.490	ug/L	100
38) Bromodichloromethane	6.55	83	188219	4.214	ug/L	100
39) cis-1,3-Dichloropropene	7.07	75	199671	4.414	ug/L	100
40) 4-Methyl-2-pentanone	7.28	43	895049	46.822	ug/L	98
42) Toluene	7.43	91	645154	4.486	ug/L	99
44) trans-1,3-Dichloropropene	7.69	75	153177	4.490	ug/L	97
45) 1,1,2-Trichloroethane	7.88	97	104362	4.345	ug/L	99
47) Tetrachloroethene	8.02	164	124625	4.150	ug/L	98
48) 2-Hexanone	8.19	43	694799	50.795	ug/L	100
49) Dibromochloromethane	8.29	129	121025	4.236	ug/L	99
50) 1,2-Dibromoethane	8.40	107	91880	4.317	ug/L	96
51) Chlorobenzene	8.92	112	406874	4.303	ug/L	99
52) Ethylbenzene	9.05	91	680690	4.400	ug/L	99
53) m,p-xylene	9.18	106	260276	4.451	ug/L	98
54) o-xylene	9.59	106	250698	4.476	ug/L	99
55) Styrene	9.60	104	434991	4.670	ug/L	100
56) Isopropylbenzene	9.97	105	666578	4.493	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	10.28	83	103035	4.303	ug/L	99
59) 1,2,3-Trichloropropane	10.32	75	87263	4.290	ug/L	99
61) Bromoform	9.77	173	62574	3.914	ug/L	99
62) 1,3-Dichlorobenzene	11.22	146	322597	4.343	ug/L	99
63) 1,4-Dichlorobenzene	11.32	146	324254	4.325	ug/L	99
65) 1,2-Dichlorobenzene	11.69	146	301245	4.307	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.48	75	14464	3.969	ug/L	97
67) 1,3,5-Trichlorobenzene	12.69	180	240066	4.267	ug/L	99
68) 1,2,4-trichlorobenzene	13.31	180	185698	4.170	ug/L	99
69) Naphthalene	13.55	128	265406	3.942	ug/L	99
70) 1,2,3-Trichlorobenzene	13.79	180	180456	4.297	ug/L	98

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

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