

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV081619\
 Data File : VV012273.D
 Acq On : 16 Aug 2019 16:53
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25mL/MSVOA V/WATER
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD00544

Quant Time: Aug 17 01:06:30 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR081319WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Aug 16 23:35:37 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	215410	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	224531	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	115315	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	65669	4.95	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	99.00%
7) Chloroethane-d5	1.58	69	56962	5.62	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	112.40%
11) 1,1-Dichloroethene-d2	2.13	63	91617	4.22	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	84.40%
20) 2-Butanone-d5	3.96	46	138150	48.20	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	96.40%
24) Chloroform-d	4.40	84	134575	5.12	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.40%
26) 1,2-Dichloroethane-d4	5.08	65	63186	5.08	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.60%
32) Benzene-d6	5.09	84	270304	4.76	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.20%
36) 1,2-Dichloropropane-d6	6.11	67	79751	4.76	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.20%
41) Toluene-d8	7.36	98	260296	5.02	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.40%
43) trans-1,3-Dichloropropene-	7.66	79	31849	4.97	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	99.40%
46) 2-Hexanone-d5	8.14	63	111582	54.28	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	108.56%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	64323	5.51	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	110.20%
64) 1,2-Dichlorobenzene-d4	11.67	152	99872	5.12	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.40%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.14	85	102442	4.955 ug/L	100
3) Chloromethane	1.25	50	90191	4.817 ug/L	100
5) Vinyl chloride	1.32	62	94816	4.929 ug/L	99
6) Bromomethane	1.53	94	47685	4.386 ug/L	98
8) Chloroethane	1.60	64	54107	4.876 ug/L	96
9) Trichlorofluoromethane	1.77	101	108605	4.488 ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	50599	4.135 ug/L	97
12) 1,1-Dichloroethene	2.14	96	44556	3.932 ug/L	96
13) Acetone	2.23	43	73045	40.894 ug/L	92
14) Carbon disulfide	2.32	76	123034	3.707 ug/L	99
15) Methyl Acetate	2.47	43	15333	3.400 ug/L	99
16) Methylene chloride	2.53	84	45763	3.745 ug/L	95
17) Methyl tert-butyl Ether	2.81	73	135255	4.333 ug/L	98
18) trans-1,2-Dichloroethene	2.78	96	64825	4.288 ug/L	99
19) 1,1-Dichloroethane	3.22	63	119353	4.311 ug/L	98
21) 2-Butanone	4.05	43	149922	41.048 ug/L	100
22) cis-1,2-Dichloroethene	3.96	96	71078	4.258 ug/L	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.30	128	34036	4.783	ug/L	92
25) Chloroform	4.42	83	136096	4.329	ug/L	99
27) 1,2-Dichloroethane	5.18	62	78244	4.532	ug/L	99
29) 1,1,1-Trichloroethane	4.65	97	119696	4.359	ug/L	98
30) Cyclohexane	4.72	56	111254	4.068	ug/L	99
31) Carbon tetrachloride	4.87	117	109354	4.401	ug/L	99
33) Benzene	5.14	78	290765	4.293	ug/L	100
34) Trichloroethene	5.96	95	77903	4.246	ug/L	96
35) Methylcyclohexane	6.17	83	121773	4.272	ug/L	98
37) 1,2-Dichloropropane	6.22	63	70593	4.177	ug/L	99
38) Bromodichloromethane	6.55	83	93400	4.290	ug/L	96
39) cis-1,3-Dichloropropene	7.07	75	103679	4.455	ug/L	100
40) 4-Methyl-2-pentanone	7.28	43	401954	43.265	ug/L	98
42) Toluene	7.43	91	327327	4.543	ug/L	97
44) trans-1,3-Dichloropropene	7.69	75	80802	4.412	ug/L	96
45) 1,1,2-Trichloroethane	7.88	97	51430	4.563	ug/L	98
47) Tetrachloroethene	8.02	164	71269	4.713	ug/L	95
48) 2-Hexanone	8.19	43	300377	45.872	ug/L	96
49) Dibromochloromethane	8.29	129	67996	4.859	ug/L	95
50) 1,2-Dibromoethane	8.40	107	51903	4.767	ug/L	100
51) Chlorobenzene	8.92	112	222860	4.777	ug/L	99
52) Ethylbenzene	9.05	91	374664	4.879	ug/L	99
53) m,p-xylene	9.18	106	145739	4.943	ug/L	99
54) o-xylene	9.59	106	138222	4.953	ug/L	96
55) Styrene	9.60	104	239485	5.135	ug/L	99
56) Isopropylbenzene	9.97	105	369231	4.947	ug/L	98
58) 1,1,1,2,2-Tetrachloroethane	10.28	83	61430	4.698	ug/L	99
59) 1,2,3-Trichloropropane	10.32	75	47686	4.974	ug/L	100
61) Bromoform	9.78	173	34828	4.685	ug/L	98
62) 1,3-Dichlorobenzene	11.23	146	177617	4.627	ug/L	99
63) 1,4-Dichlorobenzene	11.32	146	177123	4.630	ug/L	99
65) 1,2-Dichlorobenzene	11.69	146	166800	4.736	ug/L	98
66) 1,2-Dibromo-3-chloropropan	12.47	75	9403	4.193	ug/L	95
67) 1,3,5-Trichlorobenzene	12.69	180	133696	4.612	ug/L	99
68) 1,2,4-trichlorobenzene	13.31	180	97706	4.535	ug/L	100
69) Naphthalene	13.55	128	141001	4.527	ug/L	99
70) 1,2,3-Trichlorobenzene	13.79	180	95236	4.681	ug/L	99

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

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