

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV090419\
 Data File : VV012556.D
 Acq On : 04 Sep 2019 09:08
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25mL/MSVOA V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD00541

Quant Time: Sep 05 01:26:53 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR090219WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Sep 04 14:44:00 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	142893	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	142417	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	67286	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	62445	4.50	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	90.00%
7) Chloroethane-d5	1.58	69	63787	4.65	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	93.00%
11) 1,1-Dichloroethene-d2	2.13	63	174844	5.16	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	103.20%
20) 2-Butanone-d5	3.97	46	130652	49.40	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	98.80%
24) Chloroform-d	4.40	84	105770	4.95	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.00%
26) 1,2-Dichloroethane-d4	5.08	65	53544	4.84	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.80%
32) Benzene-d6	5.10	84	188207	4.69	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.80%
36) 1,2-Dichloropropane-d6	6.12	67	60086	4.77	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.40%
41) Toluene-d8	7.36	98	175566	4.84	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.80%
43) trans-1,3-Dichloropropene-	7.66	79	21566	4.68	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	93.60%
46) 2-Hexanone-d5	8.14	63	88265	51.17	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	102.34%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	43162	4.84	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.80%
64) 1,2-Dichlorobenzene-d4	11.67	152	55980	4.53	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	90.60%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.14	85	93013	5.083	ug/L 100
3) Chloromethane	1.25	50	116107	5.358	ug/L 98
5) Vinyl chloride	1.32	62	124013	5.275	ug/L 98
6) Bromomethane	1.54	94	71734	5.132	ug/L 97
8) Chloroethane	1.60	64	81039	5.028	ug/L 99
9) Trichlorofluoromethane	1.77	101	194331	5.392	ug/L 99
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	112518	5.595	ug/L 99
12) 1,1-Dichloroethene	2.14	96	104638	5.661	ug/L 97
13) Acetone	2.23	43	191594	51.056	ug/L 97
14) Carbon disulfide	2.32	76	306215	5.153	ug/L 99
15) Methyl Acetate	2.47	43	53758	5.910	ug/L 94
16) Methylene chloride	2.53	84	109390	5.143	ug/L 97
17) Methyl tert-butyl Ether	2.81	73	157055	5.002	ug/L 100
18) trans-1,2-Dichloroethene	2.79	96	73119	4.948	ug/L 97
19) 1,1-Dichloroethane	3.23	63	147589	5.189	ug/L 99
21) 2-Butanone	4.05	43	187743	52.288	ug/L 98
22) cis-1,2-Dichloroethene	3.96	96	72953	4.776	ug/L 97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.30	128	30681	5.030	ug/L	97
25) Chloroform	4.42	83	150059	5.034	ug/L	99
27) 1,2-Dichloroethane	5.18	62	92850	5.349	ug/L	99
29) 1,1,1-Trichloroethane	4.66	97	120433	5.103	ug/L	97
30) Cyclohexane	4.72	56	119531	4.909	ug/L	97
31) Carbon tetrachloride	4.87	117	100970	4.921	ug/L	98
33) Benzene	5.14	78	308756	5.280	ug/L	100
34) Trichloroethene	5.96	95	77635	4.792	ug/L	98
35) Methylcyclohexane	6.17	83	120437	4.891	ug/L	99
37) 1,2-Dichloropropane	6.22	63	81003	5.177	ug/L	100
38) Bromodichloromethane	6.55	83	100233	5.066	ug/L	97
39) cis-1,3-Dichloropropene	7.07	75	97976	4.814	ug/L	99
40) 4-Methyl-2-pentanone	7.28	43	482439	53.068	ug/L	100
42) Toluene	7.43	91	334154	5.257	ug/L	99
44) trans-1,3-Dichloropropene	7.69	75	79402	4.924	ug/L	100
45) 1,1,2-Trichloroethane	7.88	97	49638	5.017	ug/L	98
47) Tetrachloroethene	8.02	164	57493	4.911	ug/L	98
48) 2-Hexanone	8.19	43	352016	55.253	ug/L	98
49) Dibromochloromethane	8.29	129	58187	5.052	ug/L	98
50) 1,2-Dibromoethane	8.40	107	45902	5.199	ug/L	96
51) Chlorobenzene	8.92	112	194976	4.883	ug/L	97
52) Ethylbenzene	9.05	91	345783	4.987	ug/L	100
53) m,p-xylene	9.18	106	125873	5.005	ug/L	98
54) o-xylene	9.59	106	123517	5.205	ug/L	95
55) Styrene	9.60	104	212425	5.262	ug/L	98
56) Isopropylbenzene	9.97	105	331051	5.041	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	10.28	83	55872	5.019	ug/L	98
59) 1,2,3-Trichloropropane	10.32	75	45090	5.170	ug/L	99
61) Bromoform	9.77	173	27959	5.113	ug/L	99
62) 1,3-Dichlorobenzene	11.22	146	149085	5.132	ug/L	96
63) 1,4-Dichlorobenzene	11.32	146	143091	4.785	ug/L	98
65) 1,2-Dichlorobenzene	11.69	146	133932	5.031	ug/L	98
66) 1,2-Dibromo-3-chloropropan	12.48	75	8613	4.799	ug/L	91
67) 1,3,5-Trichlorobenzene	12.69	180	100961	4.703	ug/L	99
68) 1,2,4-trichlorobenzene	13.31	180	72225	4.670	ug/L	98
69) Naphthalene	13.55	128	102344	4.463	ug/L	99
70) 1,2,3-Trichlorobenzene	13.79	180	69718	4.981	ug/L	96

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

