

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV101819\
 Data File : VV013218.D
 Acq On : 18 Oct 2019 22:24
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.00ML/MSVOA_V/WATER
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD00547

Manual Integrations
 APPROVED

MMDadoda
 11/1/2019 8:08:14 AM

Quant Time: Nov 01 04:05:44 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR101819WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Nov 01 02:14:39 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	454505	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	488807	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	303153	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	216594	4.64	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	92.80%
7) Chloroethane-d5	1.58	69	179188	4.86	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	97.20%
11) 1,1-Dichloroethene-d2	2.13	63	339038	4.69	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	93.80%
20) 2-Butanone-d5	3.97	46	551546	57.43	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	114.86%
24) Chloroform-d	4.40	84	453000	5.06	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	101.20%
26) 1,2-Dichloroethane-d4	5.08	65	215896	5.09	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.80%
32) Benzene-d6	5.09	84	895493	4.80	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.00%
36) 1,2-Dichloropropane-d6	6.12	67	268591	4.83	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.60%
41) Toluene-d8	7.36	98	826701	4.98	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	99.60%
43) trans-1,3-Dichloropropene-	7.66	79	94888	4.78	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	95.60%
46) 2-Hexanone-d5	8.14	63	400870	50.27	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	100.54%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	197607	4.97	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	99.40%
64) 1,2-Dichlorobenzene-d4	11.67	152	308118	4.79	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	95.80%

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.14	85	279566	4.943 ug/L	98
3) Chloromethane	1.25	50	256242	4.693 ug/L	99
5) Vinyl chloride	1.32	62	240928	5.032 ug/L	98
6) Bromomethane	1.53	94	133666	5.011 ug/L	96
8) Chloroethane	1.60	64	140279	5.114 ug/L	96
9) Trichlorofluoromethane	1.77	101	336121	4.956 ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	188421	4.920 ug/L	100
12) 1,1-Dichloroethene	2.14	96	179284	4.912 ug/L	91
13) Acetone	2.24	43	216487m	46.038 ug/L	
14) Carbon disulfide	2.31	76	505704	4.868 ug/L	99
15) Methyl Acetate	2.48	43	70288m	6.523 ug/L	
16) Methylene chloride	2.53	84	242374	5.301 ug/L	97
17) Methyl tert-butyl Ether	2.81	73	507253	5.188 ug/L	100
18) trans-1,2-Dichloroethene	2.78	96	240138	5.041 ug/L	97
19) 1,1-Dichloroethane	3.23	63	439379	5.070 ug/L	98
21) 2-Butanone	4.06	43	563560	54.956 ug/L	97
22) cis-1,2-Dichloroethene	3.96	96	249089	5.063 ug/L #	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.30	128	107684	4.895	ug/L	94
25) Chloroform	4.42	83	450678	4.921	ug/L	99
27) 1,2-Dichloroethane	5.18	62	254865	5.101	ug/L	96
29) 1,1,1-Trichloroethane	4.65	97	365550	4.843	ug/L	98
30) Cyclohexane	4.72	56	379629	4.871	ug/L	98
31) Carbon tetrachloride	4.87	117	325668	4.872	ug/L	100
33) Benzene	5.14	78	983257	4.996	ug/L	100
34) Trichloroethene	5.96	95	248988	4.877	ug/L	98
35) Methylcyclohexane	6.17	83	376380	4.804	ug/L	99
37) 1,2-Dichloropropane	6.22	63	240445	4.952	ug/L	98
38) Bromodichloromethane	6.55	83	300403	4.904	ug/L	99
39) cis-1,3-Dichloropropene	7.07	75	321508	4.953	ug/L	100
40) 4-Methyl-2-pentanone	7.27	43	1372720	52.564	ug/L	98
42) Toluene	7.43	91	1028933	5.085	ug/L	99
44) trans-1,3-Dichloropropene	7.69	75	243686	4.880	ug/L	98
45) 1,1,2-Trichloroethane	7.88	97	165587	4.973	ug/L	98
47) Tetrachloroethene	8.02	164	218854	4.903	ug/L	99
48) 2-Hexanone	8.18	43	996954	52.563	ug/L	97
49) Dibromochloromethane	8.29	129	201258	5.047	ug/L	99
50) 1,2-Dibromoethane	8.40	107	155773	5.173	ug/L	96
51) Chlorobenzene	8.92	112	656857	5.050	ug/L	98
52) Ethylbenzene	9.05	91	1093777	5.184	ug/L	100
53) m,p-xylene	9.18	106	424929	5.341	ug/L	97
54) o-xylene	9.59	106	407556	5.269	ug/L	97
55) Styrene	9.60	104	706499	5.480	ug/L	99
56) Isopropylbenzene	9.97	105	1065712	5.239	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.28	83	194621	5.015	ug/L	98
59) 1,2,3-Trichloropropane	10.32	75	141979	5.057	ug/L	100
61) Bromoform	9.77	173	112337	4.559	ug/L	99
62) 1,3-Dichlorobenzene	11.22	146	544124	5.013	ug/L	99
63) 1,4-Dichlorobenzene	11.31	146	541887	5.010	ug/L	99
65) 1,2-Dichlorobenzene	11.68	146	504817	4.909	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.47	75	28529	4.380	ug/L	95
67) 1,3,5-Trichlorobenzene	12.69	180	378103	4.748	ug/L	99
68) 1,2,4-trichlorobenzene	13.31	180	335341	4.829	ug/L	99
69) Naphthalene	13.55	128	493372	4.603	ug/L	100
70) 1,2,3-Trichlorobenzene	13.79	180	325598	4.736	ug/L	99

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

