

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV111219\
 Data File : VV013583.D
 Acq On : 12 Nov 2019 09:02
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD00555

Quant Time: Nov 13 04:13:58 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR110819WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Nov 12 07:44:30 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	424024	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	420635	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	235062	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	77648	4.34	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	86.80%
7) Chloroethane-d5	1.58	69	78706	4.96	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	99.20%
11) 1,1-Dichloroethene-d2	2.13	63	166740	4.72	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	94.40%
20) 2-Butanone-d5	3.95	46	268312	41.88	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	83.76%
24) Chloroform-d	4.40	84	205980	4.44	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.80%
26) 1,2-Dichloroethane-d4	5.08	65	113203	4.67	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.40%
32) Benzene-d6	5.09	84	368223	4.32	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.40%
36) 1,2-Dichloropropane-d6	6.11	67	118034	4.11	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	82.20%
41) Toluene-d8	7.36	98	321377	4.36	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.20%
43) trans-1,3-Dichloropropene-	7.66	79	42902	3.88	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	77.60%
46) 2-Hexanone-d5	8.13	63	182347	41.20	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	82.40%
57) 1,1,2,2-Tetrachloroethane-	10.25	84	105589	4.61	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	92.20%
64) 1,2-Dichlorobenzene-d4	11.67	152	158331	4.08	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	81.60%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.14	85	223910	5.397	ug/L 99
3) Chloromethane	1.25	50	206247	5.562	ug/L 99
5) Vinyl chloride	1.32	62	192224	5.385	ug/L 95
6) Bromomethane	1.54	94	106532	5.668	ug/L 99
8) Chloroethane	1.60	64	112392	5.703	ug/L 98
9) Trichlorofluoromethane	1.77	101	263985	5.495	ug/L 97
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	147438	5.475	ug/L 98
12) 1,1-Dichloroethene	2.14	96	138090	5.415	ug/L 93
13) Acetone	2.21	43	185647	47.765	ug/L 99
14) Carbon disulfide	2.32	76	468593	6.114	ug/L 99
15) Methyl Acetate	2.47	43	54222	4.666	ug/L 96
16) Methylene chloride	2.53	84	169527	5.075	ug/L 97
17) Methyl tert-butyl Ether	2.80	73	331938	4.927	ug/L 99
18) trans-1,2-Dichloroethene	2.79	96	169991	5.372	ug/L 100
19) 1,1-Dichloroethane	3.23	63	310398	5.257	ug/L 98
21) 2-Butanone	4.03	43	334701	47.080	ug/L 97
22) cis-1,2-Dichloroethene	3.96	96	174913	5.360	ug/L # 95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.30	128	78186	5.174	ug/L	98
25) Chloroform	4.42	83	370844	5.760	ug/L	97
27) 1,2-Dichloroethane	5.18	62	182487	5.249	ug/L	98
29) 1,1,1-Trichloroethane	4.66	97	275505	5.283	ug/L	99
30) Cyclohexane	4.72	56	262570	5.003	ug/L	99
31) Carbon tetrachloride	4.87	117	247637	5.295	ug/L	99
33) Benzene	5.14	78	674606	5.161	ug/L	100
34) Trichloroethene	5.96	95	174019	4.938	ug/L	98
35) Methylcyclohexane	6.17	83	239153	4.464	ug/L	95
37) 1,2-Dichloropropane	6.22	63	157377	4.896	ug/L	99
38) Bromodichloromethane	6.55	83	208161	5.016	ug/L	98
39) cis-1,3-Dichloropropene	7.07	75	205883	4.610	ug/L	99
40) 4-Methyl-2-pentanone	7.27	43	850959	46.022	ug/L	99
42) Toluene	7.43	91	725602	5.338	ug/L	99
44) trans-1,3-Dichloropropene	7.69	75	155996	4.443	ug/L	98
45) 1,1,2-Trichloroethane	7.88	97	107833	4.881	ug/L	96
47) Tetrachloroethene	8.01	164	163841	5.318	ug/L	99
48) 2-Hexanone	8.18	43	612337	46.774	ug/L	99
49) Dibromochloromethane	8.29	129	140540	5.100	ug/L	99
50) 1,2-Dibromoethane	8.39	107	97040	4.704	ug/L	96
51) Chlorobenzene	8.92	112	450853	5.028	ug/L	99
52) Ethylbenzene	9.05	91	747834	5.135	ug/L	99
53) m,p-xylene	9.18	106	293893	5.411	ug/L	99
54) o-xylene	9.58	106	276082	5.291	ug/L	98
55) Styrene	9.60	104	485542	5.488	ug/L	98
56) Isopropylbenzene	9.97	105	742611	5.272	ug/L	100
58) 1,1,1,2,2-Tetrachloroethane	10.28	83	118989	5.045	ug/L	99
59) 1,2,3-Trichloropropane	10.31	75	89775	4.704	ug/L	97
61) Bromoform	9.77	173	76943	4.618	ug/L	99
62) 1,3-Dichlorobenzene	11.22	146	394676	5.005	ug/L	99
63) 1,4-Dichlorobenzene	11.31	146	386154	4.902	ug/L	99
65) 1,2-Dichlorobenzene	11.68	146	351914	4.878	ug/L	98
66) 1,2-Dibromo-3-chloropropan	12.47	75	18366	4.999	ug/L	91
67) 1,3,5-Trichlorobenzene	12.69	180	322929	5.249	ug/L	99
68) 1,2,4-trichlorobenzene	13.31	180	248596	5.071	ug/L	100
69) Naphthalene	13.55	128	309407	4.673	ug/L	100
70) 1,2,3-Trichlorobenzene	13.79	180	234702	5.101	ug/L	100

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

