

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV091119\
 Data File : VV012669.D
 Acq On : 11 Sep 2019 11:40
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25mL/MSVOA V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD00550

Quant Time: Sep 12 06:58:05 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR090919WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Sep 11 05:21:41 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	458026	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	437018	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	225229	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	158216	5.09	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	101.80%
7) Chloroethane-d5	1.58	69	127136	4.95	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	99.00%
11) 1,1-Dichloroethene-d2	2.13	63	258749	5.16	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	103.20%
20) 2-Butanone-d5	3.96	46	350948	46.94	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	93.88%
24) Chloroform-d	4.40	84	273477	4.84	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.80%
26) 1,2-Dichloroethane-d4	5.08	65	128593	4.76	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.20%
32) Benzene-d6	5.09	84	544447	5.21	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.20%
36) 1,2-Dichloropropane-d6	6.12	67	166729	5.03	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.60%
41) Toluene-d8	7.36	98	512337	5.48	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	109.60%
43) trans-1,3-Dichloropropene-	7.66	79	55497	4.87	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	97.40%
46) 2-Hexanone-d5	8.13	63	197524	45.77	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	91.54%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	109280	4.59	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	91.80%
64) 1,2-Dichlorobenzene-d4	11.67	152	178234	4.63	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	92.60%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.14	85	182366	4.721	ug/L 100
3) Chloromethane	1.25	50	178078	4.566	ug/L 99
5) Vinyl chloride	1.32	62	187945	4.722	ug/L 99
6) Bromomethane	1.53	94	100591	4.610	ug/L 98
8) Chloroethane	1.60	64	111425	4.734	ug/L 97
9) Trichlorofluoromethane	1.77	101	243631	4.879	ug/L 98
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	151545	5.073	ug/L 98
12) 1,1-Dichloroethene	2.14	96	132770	4.667	ug/L 99
13) Acetone	2.22	43	222111	50.684	ug/L 99
14) Carbon disulfide	2.31	76	354246	4.630	ug/L 100
15) Methyl Acetate	2.47	43	55240	4.685	ug/L 99
16) Methylene chloride	2.53	84	145706	4.190	ug/L 96
17) Methyl tert-butyl Ether	2.81	73	320346	4.799	ug/L 98
18) trans-1,2-Dichloroethene	2.78	96	152723	4.774	ug/L 98
19) 1,1-Dichloroethane	3.23	63	290200	4.819	ug/L 99
21) 2-Butanone	4.05	43	386350	51.410	ug/L 99
22) cis-1,2-Dichloroethene	3.96	96	161958	4.661	ug/L 98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.29	128	69126	4.655	ug/L	96
25) Chloroform	4.42	83	300757	4.535	ug/L	100
27) 1,2-Dichloroethane	5.18	62	168334	4.842	ug/L	98
29) 1,1,1-Trichloroethane	4.65	97	235474	4.896	ug/L	99
30) Cyclohexane	4.72	56	241291	5.039	ug/L	100
31) Carbon tetrachloride	4.87	117	206376	4.871	ug/L	99
33) Benzene	5.14	78	649713	5.087	ug/L	100
34) Trichloroethene	5.95	95	173402	4.913	ug/L	97
35) Methylcyclohexane	6.17	83	252692	5.066	ug/L	99
37) 1,2-Dichloropropane	6.22	63	163428	5.138	ug/L	99
38) Bromodichloromethane	6.55	83	199055	4.831	ug/L	99
39) cis-1,3-Dichloropropene	7.07	75	207923	4.982	ug/L	99
40) 4-Methyl-2-pentanone	7.28	43	909423	51.568	ug/L	99
42) Toluene	7.43	91	690252	5.202	ug/L	100
44) trans-1,3-Dichloropropene	7.69	75	156807	4.982	ug/L	99
45) 1,1,2-Trichloroethane	7.88	97	110115	4.970	ug/L	98
47) Tetrachloroethene	8.02	164	136234	4.917	ug/L	99
48) 2-Hexanone	8.19	43	692441	54.873	ug/L	99
49) Dibromochloromethane	8.29	129	127328	4.831	ug/L	100
50) 1,2-Dibromoethane	8.40	107	94696	4.823	ug/L	98
51) Chlorobenzene	8.92	112	438256	5.024	ug/L	99
52) Ethylbenzene	9.05	91	722368	5.062	ug/L	99
53) m,p-xylene	9.18	106	279484	5.180	ug/L	100
54) o-xylene	9.59	106	266146	5.151	ug/L	99
55) Styrene	9.60	104	462147	5.379	ug/L	99
56) Isopropylbenzene	9.97	105	719854	5.259	ug/L	100
58) 1,1,2,2-Tetrachloroethane	10.28	83	108395	4.907	ug/L	96
59) 1,2,3-Trichloropropane	10.31	75	91001	4.849	ug/L	99
61) Bromoform	9.77	173	66995	4.461	ug/L	98
62) 1,3-Dichlorobenzene	11.22	146	345498	4.951	ug/L	98
63) 1,4-Dichlorobenzene	11.31	146	346785	4.924	ug/L	100
65) 1,2-Dichlorobenzene	11.69	146	319045	4.856	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.47	75	15940	4.656	ug/L	92
67) 1,3,5-Trichlorobenzene	12.69	180	261317	4.945	ug/L	99
68) 1,2,4-trichlorobenzene	13.31	180	206256	4.930	ug/L	99
69) Naphthalene	13.55	128	296767	4.692	ug/L	99
70) 1,2,3-Trichlorobenzene	13.79	180	195751	4.962	ug/L	99

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

