

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV080919\
 Data File : VV012147.D
 Acq On : 09 Aug 2019 10:57
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25mL/MSVOA V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD00560

Quant Time: Aug 10 02:28:11 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR080819WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Aug 09 17:51:52 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	137398	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	127191	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	72283	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	25358	4.34	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	86.80%
7) Chloroethane-d5	1.58	69	18725	4.36	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	87.20%
11) 1,1-Dichloroethene-d2	2.13	63	51362	4.34	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	86.80%
20) 2-Butanone-d5	3.95	46	64303	42.61	ug/L	0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	85.22%
24) Chloroform-d	4.40	84	74827	4.41	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.20%
26) 1,2-Dichloroethane-d4	5.08	65	38941	4.41	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.20%
32) Benzene-d6	5.09	84	140146	4.48	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.60%
36) 1,2-Dichloropropane-d6	6.11	67	35794	4.33	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	86.60%
41) Toluene-d8	7.36	98	139291	4.40	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.00%
43) trans-1,3-Dichloropropene-	7.66	79	18660	4.33	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	86.60%
46) 2-Hexanone-d5	8.13	63	55822	40.69	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	81.38%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	28591	4.20	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	84.00%
64) 1,2-Dichlorobenzene-d4	11.67	152	59249	4.41	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	88.20%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.14	85	60235	4.641	ug/L 99
3) Chloromethane	1.25	50	26961	4.678	ug/L 94
5) Vinyl chloride	1.32	62	30175	4.520	ug/L 99
6) Bromomethane	1.54	94	18391	4.709	ug/L 100
8) Chloroethane	1.60	64	15934	4.416	ug/L 95
9) Trichlorofluoromethane	1.77	101	60915	4.652	ug/L 99
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	28172	4.746	ug/L 99
12) 1,1-Dichloroethene	2.14	96	25387	4.633	ug/L 98
13) Acetone	2.21	43	33010	37.175	ug/L 97
14) Carbon disulfide	2.32	76	69993	4.582	ug/L 98
15) Methyl Acetate	2.47	43	6926	3.630	ug/L 96
16) Methylene chloride	2.53	84	24088	4.146	ug/L 98
17) Methyl tert-butyl Ether	2.80	73	82759	4.316	ug/L 99
18) trans-1,2-Dichloroethene	2.78	96	37638	4.625	ug/L 96
19) 1,1-Dichloroethane	3.23	63	60532	4.545	ug/L 98
21) 2-Butanone	4.03	43	64289	41.894	ug/L 95
22) cis-1,2-Dichloroethene	3.96	96	40961	4.556	ug/L 97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.30	128	18555	4.333	ug/L	99
25) Chloroform	4.42	83	73585	4.331	ug/L	96
27) 1,2-Dichloroethane	5.18	62	44985	4.395	ug/L	99
29) 1,1,1-Trichloroethane	4.65	97	73392	4.647	ug/L	98
30) Cyclohexane	4.72	56	53765	4.796	ug/L	94
31) Carbon tetrachloride	4.87	117	70642	4.624	ug/L	100
33) Benzene	5.14	78	143863	4.644	ug/L	100
34) Trichloroethene	5.96	95	42346	4.584	ug/L	100
35) Methylcyclohexane	6.17	83	68343	4.771	ug/L	97
37) 1,2-Dichloropropane	6.22	63	31446	4.670	ug/L	99
38) Bromodichloromethane	6.55	83	51430	4.450	ug/L	99
39) cis-1,3-Dichloropropene	7.07	75	55918	4.580	ug/L	98
40) 4-Methyl-2-pentanone	7.27	43	162527	42.367	ug/L	100
42) Toluene	7.43	91	166353	4.602	ug/L	99
44) trans-1,3-Dichloropropene	7.69	75	45245	4.592	ug/L	100
45) 1,1,2-Trichloroethane	7.88	97	25272	4.374	ug/L	98
47) Tetrachloroethene	8.02	164	43198	4.834	ug/L	98
48) 2-Hexanone	8.18	43	117497	43.715	ug/L	98
49) Dibromochloromethane	8.29	129	38128	4.389	ug/L	98
50) 1,2-Dibromoethane	8.40	107	25658	4.424	ug/L	94
51) Chlorobenzene	8.92	112	115065	4.672	ug/L	99
52) Ethylbenzene	9.05	91	192369	4.692	ug/L	98
53) m,p-xylene	9.18	106	75537	4.712	ug/L	95
54) o-xylene	9.59	106	71179	4.584	ug/L	99
55) Styrene	9.60	104	119999	4.645	ug/L	99
56) Isopropylbenzene	9.97	105	205450	4.772	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	10.28	83	27725	4.340	ug/L	98
59) 1,2,3-Trichloropropane	10.32	75	20564	4.207	ug/L	99
61) Bromoform	9.77	173	23650	4.218	ug/L	99
62) 1,3-Dichlorobenzene	11.22	146	105052	4.726	ug/L	98
63) 1,4-Dichlorobenzene	11.32	146	102203	4.587	ug/L	98
65) 1,2-Dichlorobenzene	11.69	146	94228	4.567	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.47	75	5725	4.279	ug/L	93
67) 1,3,5-Trichlorobenzene	12.69	180	90050	4.718	ug/L	99
68) 1,2,4-trichlorobenzene	13.31	180	74607	4.698	ug/L	100
69) Naphthalene	13.55	128	107579	4.189	ug/L	99
70) 1,2,3-Trichlorobenzene	13.79	180	67807	4.504	ug/L	100

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

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