

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV082319\
 Data File : VV012367.D
 Acq On : 23 Aug 2019 16:09
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25mL/MSVOA V/WATER
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD00549

Quant Time: Aug 26 07:59:21 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR082319WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Aug 24 01:52:05 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	271831	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	260821	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	130863	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	58573	4.31	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	86.20%
7) Chloroethane-d5	1.58	69	41579	4.15	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	83.00%
11) 1,1-Dichloroethene-d2	2.13	63	105616	4.38	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	87.60%
20) 2-Butanone-d5	3.96	46	173284	47.33	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	94.66%
24) Chloroform-d	4.40	84	144355	4.62	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.40%
26) 1,2-Dichloroethane-d4	5.08	65	69391	4.60	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.00%
32) Benzene-d6	5.10	84	287196	4.53	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.60%
36) 1,2-Dichloropropane-d6	6.12	67	87485	4.55	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	91.00%
41) Toluene-d8	7.36	98	268403	4.72	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.40%
43) trans-1,3-Dichloropropene-	7.66	79	33198	4.55	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	91.00%
46) 2-Hexanone-d5	8.14	63	110894	49.01	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	98.02%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	59901	4.69	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	93.80%
64) 1,2-Dichlorobenzene-d4	11.67	152	93103	4.27	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	85.40%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.14	85	109957	4.736	ug/L 99
3) Chloromethane	1.25	50	89430	5.008	ug/L 99
5) Vinyl chloride	1.32	62	84604	4.886	ug/L 98
6) Bromomethane	1.54	94	40416	5.114	ug/L 96
8) Chloroethane	1.60	64	42975	4.944	ug/L 100
9) Trichlorofluoromethane	1.77	101	110799	4.807	ug/L 100
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	56799	4.732	ug/L 97
12) 1,1-Dichloroethene	2.14	96	53202	4.879	ug/L 96
13) Acetone	2.21	43	88648	55.965	ug/L 98
14) Carbon disulfide	2.32	76	164041	4.788	ug/L 98
15) Methyl Acetate	2.47	43	19954	5.004	ug/L 98
16) Methylene chloride	2.53	84	58619	4.824	ug/L 100
17) Methyl tert-butyl Ether	2.81	73	170085	5.176	ug/L 98
18) trans-1,2-Dichloroethene	2.79	96	80261	4.950	ug/L 96
19) 1,1-Dichloroethane	3.23	63	155152	5.146	ug/L 98
21) 2-Butanone	4.04	43	202863	54.528	ug/L 99
22) cis-1,2-Dichloroethene	3.96	96	87314	4.937	ug/L 92

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.30	128	37192	5.057	ug/L	98
25) Chloroform	4.42	83	157453	4.681	ug/L	97
27) 1,2-Dichloroethane	5.18	62	90724	5.111	ug/L	98
29) 1,1,1-Trichloroethane	4.65	97	126042	4.837	ug/L	100
30) Cyclohexane	4.72	56	128837	4.786	ug/L	98
31) Carbon tetrachloride	4.87	117	109873	4.768	ug/L	100
33) Benzene	5.14	78	339799	5.109	ug/L	100
34) Trichloroethene	5.96	95	88343	4.921	ug/L	98
35) Methylcyclohexane	6.17	83	131655	4.670	ug/L	100
37) 1,2-Dichloropropane	6.22	63	86479	5.131	ug/L	99
38) Bromodichloromethane	6.55	83	106645	5.129	ug/L	95
39) cis-1,3-Dichloropropene	7.07	75	120984	5.340	ug/L	94
40) 4-Methyl-2-pentanone	7.28	43	491497	54.291	ug/L	100
42) Toluene	7.43	91	360835	5.311	ug/L	100
44) trans-1,3-Dichloropropene	7.69	75	91428	5.335	ug/L	100
45) 1,1,2-Trichloroethane	7.88	97	57988	5.311	ug/L	99
47) Tetrachloroethene	8.02	164	73436	5.070	ug/L	99
48) 2-Hexanone	8.19	43	345789	53.084	ug/L	98
49) Dibromochloromethane	8.29	129	68590	5.242	ug/L	97
50) 1,2-Dibromoethane	8.40	107	52396	5.076	ug/L	96
51) Chlorobenzene	8.92	112	226137	5.095	ug/L	99
52) Ethylbenzene	9.05	91	374866	5.126	ug/L	100
53) m,p-xylene	9.18	106	145584	5.311	ug/L	99
54) o-xylene	9.59	106	138999	5.328	ug/L	100
55) Styrene	9.60	104	237498	5.442	ug/L	98
56) Isopropylbenzene	9.97	105	366042	5.243	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	10.29	83	61669	5.262	ug/L	99
59) 1,2,3-Trichloropropane	10.32	75	48667	5.257	ug/L	100
61) Bromoform	9.77	173	36960	4.923	ug/L	97
62) 1,3-Dichlorobenzene	11.22	146	179996	5.065	ug/L	99
63) 1,4-Dichlorobenzene	11.31	146	177322	4.982	ug/L	99
65) 1,2-Dichlorobenzene	11.69	146	166980	5.109	ug/L	98
66) 1,2-Dibromo-3-chloropropan	12.48	75	8783	4.688	ug/L	89
67) 1,3,5-Trichlorobenzene	12.69	180	136795	5.027	ug/L	99
68) 1,2,4-trichlorobenzene	13.31	180	99660	5.255	ug/L	100
69) Naphthalene	13.55	128	131382	5.005	ug/L	98
70) 1,2,3-Trichlorobenzene	13.79	180	92769	5.222	ug/L	98

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

