

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV090619\
 Data File : VV012620.D
 Acq On : 07 Sep 2019 01:17
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25mL/MSVOA V/WATER
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD00545

Quant Time: Sep 07 02:16:56 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR090519WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Sep 07 01:06:07 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	169709	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	172505	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	82884	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	69324	4.37	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	87.40%
7) Chloroethane-d5	1.58	69	67439	4.69	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	93.80%
11) 1,1-Dichloroethene-d2	2.13	63	179172	4.82	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	96.40%
20) 2-Butanone-d5	3.97	46	192066	62.05	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	124.10%
24) Chloroform-d	4.40	84	120500	4.99	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.80%
26) 1,2-Dichloroethane-d4	5.08	65	65676	5.21	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.20%
32) Benzene-d6	5.10	84	212763	4.87	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.40%
36) 1,2-Dichloropropane-d6	6.12	67	69367	4.95	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.00%
41) Toluene-d8	7.36	98	194224	5.03	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.60%
43) trans-1,3-Dichloropropene-	7.66	79	23675	4.81	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	96.20%
46) 2-Hexanone-d5	8.14	63	119332	63.48	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	126.96%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	56118	5.66	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	113.20%
64) 1,2-Dichlorobenzene-d4	11.67	152	65611	4.74	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	94.80%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	1.14	85	91231	5.119	ug/L	97
3) Chloromethane	1.25	50	126629	5.239	ug/L	99
5) Vinyl chloride	1.32	62	129734	5.218	ug/L	99
6) Bromomethane	1.54	94	69971	4.629	ug/L	96
8) Chloroethane	1.60	64	83947	5.080	ug/L	99
9) Trichlorofluoromethane	1.77	101	193968	5.123	ug/L	99
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	111562	5.276	ug/L	97
12) 1,1-Dichloroethene	2.14	96	105589	5.223	ug/L	94
13) Acetone	2.24	43	212608	56.618	ug/L	95
14) Carbon disulfide	2.32	76	321343	4.988	ug/L	99
15) Methyl Acetate	2.47	43	62806	6.354	ug/L	96
16) Methylene chloride	2.53	84	115343	4.925	ug/L	98
17) Methyl tert-butyl Ether	2.81	73	191190	5.848	ug/L	99
18) trans-1,2-Dichloroethene	2.79	96	83778	5.184	ug/L	98
19) 1,1-Dichloroethane	3.23	63	164219	5.320	ug/L	99
21) 2-Butanone	4.05	43	237236	59.929	ug/L	100
22) cis-1,2-Dichloroethene	3.96	96	81618	5.138	ug/L #	90

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.30	128	37050	5.437	ug/L	96
25) Chloroform	4.42	83	167946	5.026	ug/L	98
27) 1,2-Dichloroethane	5.18	62	112765	5.655	ug/L	100
29) 1,1,1-Trichloroethane	4.66	97	132235	5.217	ug/L	99
30) Cyclohexane	4.72	56	139390	5.293	ug/L	97
31) Carbon tetrachloride	4.87	117	117233	5.206	ug/L	99
33) Benzene	5.14	78	349244	5.426	ug/L	100
34) Trichloroethene	5.96	95	91463	5.257	ug/L	98
35) Methylcyclohexane	6.17	83	137066	5.276	ug/L	99
37) 1,2-Dichloropropane	6.22	63	92292	5.633	ug/L	99
38) Bromodichloromethane	6.55	83	114203	5.353	ug/L	99
39) cis-1,3-Dichloropropene	7.07	75	111310	5.182	ug/L	99
40) 4-Methyl-2-pentanone	7.28	43	630659	64.619	ug/L	99
42) Toluene	7.43	91	380089	5.599	ug/L	100
44) trans-1,3-Dichloropropene	7.69	75	89483	5.426	ug/L	99
45) 1,1,2-Trichloroethane	7.88	97	60699	5.473	ug/L	97
47) Tetrachloroethene	8.02	164	67095	5.290	ug/L	95
48) 2-Hexanone	8.19	43	468188	67.993	ug/L	99
49) Dibromochloromethane	8.29	129	70867	5.635	ug/L	97
50) 1,2-Dibromoethane	8.40	107	56209	5.784	ug/L	89
51) Chlorobenzene	8.92	112	223866	5.339	ug/L	98
52) Ethylbenzene	9.05	91	398566	5.543	ug/L	100
53) m,p-xylene	9.18	106	145153	5.545	ug/L	97
54) o-xylene	9.59	106	137898	5.554	ug/L	100
55) Styrene	9.60	104	244326	5.908	ug/L	98
56) Isopropylbenzene	9.97	105	373165	5.636	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	10.28	83	68673	5.919	ug/L	97
59) 1,2,3-Trichloropropane	10.32	75	55596	5.697	ug/L	97
61) Bromoform	9.77	173	33403	5.238	ug/L	99
62) 1,3-Dichlorobenzene	11.22	146	167764	5.316	ug/L	99
63) 1,4-Dichlorobenzene	11.31	146	165429	5.227	ug/L	98
65) 1,2-Dichlorobenzene	11.69	146	156939	5.328	ug/L	97
66) 1,2-Dibromo-3-chloropropan	12.48	75	10460	5.288	ug/L	93
67) 1,3,5-Trichlorobenzene	12.69	180	107124	5.066	ug/L	98
68) 1,2,4-trichlorobenzene	13.31	180	78364	5.062	ug/L	99
69) Naphthalene	13.55	128	114709	5.145	ug/L	99
70) 1,2,3-Trichlorobenzene	13.79	180	78002	5.394	ug/L	98

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

