

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_V\DATA\VV010620\
 Data File : VV014266.D
 Acq On : 06 Jan 2020 12:37
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA_V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD00551

Quant Time: Jan 07 01:22:18 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR010220WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Jan 07 01:19:28 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	1051776	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	947390	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	443042	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	293886	3.99	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	79.80%
7) Chloroethane-d5	1.58	69	234612	4.12	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	82.40%
11) 1,1-Dichloroethene-d2	2.13	63	454831	4.19	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	83.80%
20) 2-Butanone-d5	3.96	46	789308	44.65	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	89.30%
24) Chloroform-d	4.40	84	626656	4.41	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.20%
26) 1,2-Dichloroethane-d4	5.08	65	299777	4.21	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.20%
32) Benzene-d6	5.10	84	1268022	4.48	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.60%
36) 1,2-Dichloropropane-d6	6.12	67	394133	4.50	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	90.00%
41) Toluene-d8	7.36	98	1139158	4.41	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.20%
43) trans-1,3-Dichloropropene-	7.66	79	171524	4.42	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	88.40%
46) 2-Hexanone-d5	8.13	63	719113	43.80	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	87.60%
57) 1,1,2,2-Tetrachloroethane-	10.25	84	277981	4.54	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	90.80%
64) 1,2-Dichlorobenzene-d4	11.67	152	365712	4.40	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	88.00%

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.14	85	364505	4.597 ug/L	98
3) Chloromethane	1.26	50	347971	4.415 ug/L	100
5) Vinyl chloride	1.32	62	330984	4.496 ug/L	99
6) Bromomethane	1.54	94	185214	4.435 ug/L	96
8) Chloroethane	1.60	64	177821	4.299 ug/L	99
9) Trichlorofluoromethane	1.77	101	401614	4.622 ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	214925	4.566 ug/L	97
12) 1,1-Dichloroethene	2.14	96	208601	4.439 ug/L	96
13) Acetone	2.23	43	397266	32.632 ug/L	96
14) Carbon disulfide	2.32	76	933824	4.478 ug/L	99
15) Methyl Acetate	2.48	43	128924	4.549 ug/L	97
16) Methylene chloride	2.54	84	325498	4.255 ug/L	95
17) Methyl tert-butyl Ether	2.81	73	760798	4.375 ug/L	99
18) trans-1,2-Dichloroethene	2.79	96	317664	4.497 ug/L	97
19) 1,1-Dichloroethane	3.23	63	610913	4.413 ug/L	99
21) 2-Butanone	4.05	43	779698	42.697 ug/L	98
22) cis-1,2-Dichloroethene	3.96	96	348833	4.505 ug/L	97

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.30	128	131667	4.473	ug/L	90
25) Chloroform	4.43	83	590036	4.452	ug/L	99
27) 1,2-Dichloroethane	5.18	62	353659	4.460	ug/L	95
29) 1,1,1-Trichloroethane	4.66	97	524372	4.649	ug/L	99
30) Cyclohexane	4.72	56	600067	4.819	ug/L	99
31) Carbon tetrachloride	4.87	117	451497	4.675	ug/L	100
33) Benzene	5.14	78	1331383	4.563	ug/L	100
34) Trichloroethene	5.96	95	343059	4.575	ug/L	98
35) Methylcyclohexane	6.17	83	598685	4.884	ug/L	97
37) 1,2-Dichloropropane	6.22	63	330156	4.483	ug/L	99
38) Bromodichloromethane	6.55	83	426901	4.495	ug/L	97
39) cis-1,3-Dichloropropene	7.07	75	532611	4.467	ug/L	100
40) 4-Methyl-2-pentanone	7.27	43	2051588	44.193	ug/L	99
42) Toluene	7.43	91	1394394	4.527	ug/L	99
44) trans-1,3-Dichloropropene	7.69	75	413781	4.519	ug/L	98
45) 1,1,2-Trichloroethane	7.88	97	215158	4.573	ug/L	98
47) Tetrachloroethene	8.02	164	235113	4.590	ug/L	96
48) 2-Hexanone	8.18	43	1417179	44.135	ug/L	98
49) Dibromochloromethane	8.29	129	266812	4.486	ug/L	98
50) 1,2-Dibromoethane	8.39	107	202191	4.438	ug/L	97
51) Chlorobenzene	8.92	112	863800	4.560	ug/L	98
52) Ethylbenzene	9.05	91	1586388	4.604	ug/L	100
53) m,p-xylene	9.18	106	586756	4.616	ug/L	100
54) o-xylene	9.58	106	569677	4.558	ug/L	97
55) Styrene	9.60	104	957303	4.521	ug/L	95
56) Isopropylbenzene	9.97	105	1534758	4.707	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.28	83	260710	4.494	ug/L	98
59) 1,2,3-Trichloropropane	10.31	75	197053	4.491	ug/L	100
61) Bromoform	9.77	173	133851	4.457	ug/L	98
62) 1,3-Dichlorobenzene	11.22	146	631095	4.556	ug/L	99
63) 1,4-Dichlorobenzene	11.31	146	624205	4.532	ug/L	98
65) 1,2-Dichlorobenzene	11.68	146	569283	4.551	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.47	75	47629	4.143	ug/L	93
67) 1,3,5-Trichlorobenzene	12.69	180	453972	4.507	ug/L	98
68) 1,2,4-trichlorobenzene	13.31	180	389930	4.414	ug/L	99
69) Naphthalene	13.55	128	763080	4.251	ug/L	99
70) 1,2,3-Trichlorobenzene	13.79	180	344405	4.430	ug/L	98

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

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