

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV011020\
 Data File : VV014274.D
 Acq On : 10 Jan 2020 17:11
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD00553

Quant Time: Jan 11 00:04:38 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR010220WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Jan 11 00:01:14 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	1003951	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	919660	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	424690	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	299213	4.26	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	85.20%
7) Chloroethane-d5	1.59	69	241705	4.45	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	89.00%
11) 1,1-Dichloroethene-d2	2.13	63	474698	4.58	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	91.60%
20) 2-Butanone-d5	3.96	46	875728	51.90	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	103.80%
24) Chloroform-d	4.40	84	655729	4.83	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	96.60%
26) 1,2-Dichloroethane-d4	5.08	65	321257	4.72	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.40%
32) Benzene-d6	5.10	84	1333952	4.86	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.20%
36) 1,2-Dichloropropane-d6	6.12	67	421745	4.96	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.20%
41) Toluene-d8	7.36	98	1203013	4.80	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.00%
43) trans-1,3-Dichloropropene-	7.66	79	177304	4.71	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	94.20%
46) 2-Hexanone-d5	8.13	63	775369	48.65	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	97.30%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	290345	4.88	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	97.60%
64) 1,2-Dichlorobenzene-d4	11.67	152	393888	4.94	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.80%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	1.14	85	356137	4.705	ug/L	98
3) Chloromethane	1.26	50	333994	4.439	ug/L	99
5) Vinyl chloride	1.33	62	314421	4.475	ug/L	97
6) Bromomethane	1.54	94	176985	4.440	ug/L	98
8) Chloroethane	1.60	64	169674	4.298	ug/L	96
9) Trichlorofluoromethane	1.77	101	395581	4.769	ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	220097	4.899	ug/L	94
12) 1,1-Dichloroethene	2.14	96	202952	4.525	ug/L	99
13) Acetone	2.23	43	386749	33.282	ug/L	93
14) Carbon disulfide	2.32	76	912992	4.587	ug/L	99
15) Methyl Acetate	2.47	43	117317	4.337	ug/L	95
16) Methylene chloride	2.54	84	313104	4.288	ug/L	93
17) Methyl tert-butyl Ether	2.81	73	741932	4.470	ug/L	99
18) trans-1,2-Dichloroethene	2.79	96	307056	4.554	ug/L	94
19) 1,1-Dichloroethane	3.23	63	605605	4.583	ug/L	98
21) 2-Butanone	4.04	43	757903	43.480	ug/L	99
22) cis-1,2-Dichloroethene	3.96	96	342111	4.629	ug/L #	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.30	128	127755	4.547	ug/L	91
25) Chloroform	4.43	83	576655	4.558	ug/L	100
27) 1,2-Dichloroethane	5.18	62	342542	4.526	ug/L	95
29) 1,1,1-Trichloroethane	4.66	97	518266	4.734	ug/L	99
30) Cyclohexane	4.72	56	596483	4.935	ug/L	97
31) Carbon tetrachloride	4.87	117	439566	4.689	ug/L	100
33) Benzene	5.14	78	1314031	4.639	ug/L	100
34) Trichloroethene	5.96	95	336840	4.628	ug/L	97
35) Methylcyclohexane	6.17	83	598477	5.029	ug/L	97
37) 1,2-Dichloropropane	6.22	63	321639	4.499	ug/L	99
38) Bromodichloromethane	6.55	83	414569	4.497	ug/L	98
39) cis-1,3-Dichloropropene	7.07	75	516928	4.466	ug/L	100
40) 4-Methyl-2-pentanone	7.27	43	1978189	43.897	ug/L	99
42) Toluene	7.43	91	1382218	4.623	ug/L	99
44) trans-1,3-Dichloropropene	7.69	75	390627	4.395	ug/L	100
45) 1,1,2-Trichloroethane	7.88	97	206451	4.521	ug/L	98
47) Tetrachloroethene	8.02	164	236214	4.750	ug/L	98
48) 2-Hexanone	8.18	43	1389406	44.575	ug/L	99
49) Dibromochloromethane	8.29	129	257700	4.463	ug/L	98
50) 1,2-Dibromoethane	8.39	107	196719	4.448	ug/L	95
51) Chlorobenzene	8.92	112	844938	4.595	ug/L	98
52) Ethylbenzene	9.05	91	1574112	4.706	ug/L	99
53) m,p-xylene	9.18	106	579044	4.693	ug/L	100
54) o-xylene	9.58	106	558607	4.604	ug/L	93
55) Styrene	9.60	104	934979	4.549	ug/L	96
56) Isopropylbenzene	9.97	105	1513493	4.782	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	10.28	83	252664	4.487	ug/L	99
59) 1,2,3-Trichloropropane	10.32	75	189644	4.452	ug/L	97
61) Bromoform	9.77	173	128222	4.454	ug/L	98
62) 1,3-Dichlorobenzene	11.22	146	625767	4.713	ug/L	100
63) 1,4-Dichlorobenzene	11.31	146	619149	4.690	ug/L	98
65) 1,2-Dichlorobenzene	11.68	146	553597	4.617	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.47	75	45964	4.171	ug/L	91
67) 1,3,5-Trichlorobenzene	12.69	180	446638	4.626	ug/L	99
68) 1,2,4-trichlorobenzene	13.30	180	379367	4.480	ug/L	97
69) Naphthalene	13.54	128	729282	4.239	ug/L	100
70) 1,2,3-Trichlorobenzene	13.79	180	334843	4.493	ug/L	99

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

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