

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV012020\
 Data File : VV014361.D
 Acq On : 20 Jan 2020 16:37
 Operator : SY/MD
 Sample : VSTDCCC005EC
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD00541

Quant Time: Jan 21 01:31:56 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR010220WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Jan 21 00:35:01 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	740764	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	677311	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	320041	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	271447	5.24	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	104.80%
7) Chloroethane-d5	1.59	69	223818	5.59	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	111.80%
11) 1,1-Dichloroethene-d2	2.13	63	411348	5.38	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	107.60%
20) 2-Butanone-d5	3.95	46	754795	60.62	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	121.24%
24) Chloroform-d	4.40	84	586236	5.85	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	117.00%
26) 1,2-Dichloroethane-d4	5.08	65	279307	5.56	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	111.20%
32) Benzene-d6	5.10	84	1195348	5.91	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	118.20%
36) 1,2-Dichloropropane-d6	6.12	67	374783	5.98	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	119.60%
41) Toluene-d8	7.36	98	1062472	5.75	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	115.00%
43) trans-1,3-Dichloropropene-	7.66	79	150933	5.45	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	109.00%
46) 2-Hexanone-d5	8.13	63	692832	59.03	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	118.06%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	262340	5.99	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	119.80%
64) 1,2-Dichlorobenzene-d4	11.67	152	340577	5.67	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	113.40%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	1.14	85	272082	4.872 ug/L	99
3) Chloromethane	1.26	50	313251	5.643 ug/L	98
5) Vinyl chloride	1.32	62	277448	5.352 ug/L	99
6) Bromomethane	1.54	94	141664	4.816 ug/L	100
8) Chloroethane	1.60	64	150151	5.154 ug/L	100
9) Trichlorofluoromethane	1.77	101	335207	5.477 ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	189991	5.731 ug/L	96
12) 1,1-Dichloroethene	2.14	96	180036	5.440 ug/L	99
13) Acetone	2.22	43	377038	43.974 ug/L	97
14) Carbon disulfide	2.32	76	771342	5.252 ug/L	98
15) Methyl Acetate	2.47	43	108565	5.439 ug/L	95
16) Methylene chloride	2.54	84	390171	7.242 ug/L	95
17) Methyl tert-butyl Ether	2.81	73	655193	5.349 ug/L	100
18) trans-1,2-Dichloroethene	2.79	96	277453	5.577 ug/L	95
19) 1,1-Dichloroethane	3.23	63	541110	5.550 ug/L	99
21) 2-Butanone	4.04	43	693755	53.941 ug/L	98
22) cis-1,2-Dichloroethene	3.96	96	309255	5.671 ug/L	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.30	128	111515	5.379	ug/L #	87
25) Chloroform	4.43	83	547308	5.863	ug/L	96
27) 1,2-Dichloroethane	5.18	62	306502	5.488	ug/L	95
29) 1,1,1-Trichloroethane	4.66	97	453715	5.627	ug/L	99
30) Cyclohexane	4.72	56	518808	5.828	ug/L	97
31) Carbon tetrachloride	4.87	117	383084	5.548	ug/L	100
33) Benzene	5.15	78	1189364	5.702	ug/L	100
34) Trichloroethene	5.96	95	293148	5.469	ug/L	97
35) Methylcyclohexane	6.17	83	505621	5.769	ug/L	97
37) 1,2-Dichloropropane	6.22	63	298743	5.674	ug/L	99
38) Bromodichloromethane	6.55	83	373464	5.501	ug/L	96
39) cis-1,3-Dichloropropene	7.07	75	465162	5.457	ug/L	100
40) 4-Methyl-2-pentanone	7.27	43	1815489	54.701	ug/L	100
42) Toluene	7.43	91	1245752	5.658	ug/L	99
44) trans-1,3-Dichloropropene	7.69	75	349211	5.335	ug/L	100
45) 1,1,2-Trichloroethane	7.88	97	188094	5.593	ug/L	96
47) Tetrachloroethene	8.02	164	205332	5.607	ug/L	98
48) 2-Hexanone	8.18	43	1272024	55.411	ug/L	98
49) Dibromochloromethane	8.29	129	231466	5.444	ug/L	100
50) 1,2-Dibromoethane	8.39	107	177013	5.435	ug/L	92
51) Chlorobenzene	8.92	112	765330	5.652	ug/L	99
52) Ethylbenzene	9.05	91	1408013	5.716	ug/L	98
53) m,p-xylene	9.18	106	519294	5.714	ug/L	100
54) o-xylene	9.58	106	506624	5.669	ug/L	94
55) Styrene	9.60	104	828862	5.476	ug/L	98
56) Isopropylbenzene	9.97	105	1358127	5.827	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	10.28	83	237387	5.724	ug/L	98
59) 1,2,3-Trichloropropane	10.32	75	175456	5.593	ug/L	100
61) Bromoform	9.77	173	114408	5.274	ug/L	98
62) 1,3-Dichlorobenzene	11.22	146	564397	5.641	ug/L	99
63) 1,4-Dichlorobenzene	11.31	146	564053	5.669	ug/L	98
65) 1,2-Dichlorobenzene	11.68	146	523201	5.790	ug/L	97
66) 1,2-Dibromo-3-chloropropan	12.47	75	43255	5.208	ug/L	97
67) 1,3,5-Trichlorobenzene	12.69	180	403033	5.539	ug/L	98
68) 1,2,4-trichlorobenzene	13.30	180	347090	5.439	ug/L	99
69) Naphthalene	13.55	128	679534	5.241	ug/L	100
70) 1,2,3-Trichlorobenzene	13.79	180	311771	5.552	ug/L	99

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

