

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV012120\
 Data File : VV014363.D
 Acq On : 21 Jan 2020 09:19
 Operator : SY/MD
 Sample : VSTDCCC005
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 VSTD00542

Quant Time: Jan 21 15:29:29 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	762321	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	695752	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	332519	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	240013	4.50	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	90.00%
7) Chloroethane-d5	1.58	69	198039	4.80	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	96.00%
11) 1,1-Dichloroethene-d2	2.13	63	353639	4.50	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	90.00%
20) 2-Butanone-d5	3.95	46	588526	45.93	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	91.86%
24) Chloroform-d	4.40	84	558004	5.41	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	108.20%
26) 1,2-Dichloroethane-d4	5.08	65	252053	4.88	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.60%
32) Benzene-d6	5.09	84	1067785	5.14	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	102.80%
36) 1,2-Dichloropropane-d6	6.11	67	341668	5.31	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	106.20%
41) Toluene-d8	7.35	98	928937	4.90	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.00%
43) trans-1,3-Dichloropropene-	7.66	79	134897	4.74	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	94.80%
46) 2-Hexanone-d5	8.13	63	632330	52.45	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	104.90%
57) 1,1,2,2-Tetrachloroethane-	10.25	84	247409	5.50	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	110.00%
64) 1,2-Dichlorobenzene-d4	11.67	152	318523	5.10	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.00%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	1.14	85	278561	4.847	ug/L	99
3) Chloromethane	1.25	50	344916	6.038	ug/L	99
5) Vinyl chloride	1.32	62	278394	5.218	ug/L	98
6) Bromomethane	1.54	94	112195	3.706	ug/L	98
8) Chloroethane	1.60	64	149189	4.977	ug/L	98
9) Trichlorofluoromethane	1.77	101	347887	5.524	ug/L	100
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	188436	5.523	ug/L	96
12) 1,1-Dichloroethene	2.14	96	171757	5.043	ug/L	96
13) Acetone	2.22	43	272220	30.851	ug/L	98
14) Carbon disulfide	2.32	76	769357	5.091	ug/L	99
15) Methyl Acetate	2.47	43	91936	4.476	ug/L	99
16) Methylene chloride	2.53	84	286248	5.163	ug/L	94
17) Methyl tert-butyl Ether	2.80	73	624077	4.951	ug/L	99
18) trans-1,2-Dichloroethene	2.79	96	276142	5.394	ug/L	97
19) 1,1-Dichloroethane	3.23	63	538550	5.367	ug/L	97
21) 2-Butanone	4.03	43	565476	42.724	ug/L	98
22) cis-1,2-Dichloroethene	3.96	96	308534	5.498	ug/L #	96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
23) Bromochloromethane	4.29	128	114397	5.362	ug/L	94
25) Chloroform	4.42	83	530066	5.518	ug/L	98
27) 1,2-Dichloroethane	5.17	62	290973	5.063	ug/L	94
29) 1,1,1-Trichloroethane	4.65	97	452881	5.468	ug/L	98
30) Cyclohexane	4.72	56	526223	5.755	ug/L	98
31) Carbon tetrachloride	4.87	117	388063	5.471	ug/L	99
33) Benzene	5.14	78	1190350	5.555	ug/L	100
34) Trichloroethene	5.96	95	305626	5.550	ug/L	98
35) Methylcyclohexane	6.17	83	530403	5.891	ug/L	98
37) 1,2-Dichloropropane	6.22	63	300068	5.548	ug/L	98
38) Bromodichloromethane	6.55	83	370385	5.311	ug/L	97
39) cis-1,3-Dichloropropene	7.06	75	454138	5.186	ug/L	98
40) 4-Methyl-2-pentanone	7.27	43	1713235	50.252	ug/L	98
42) Toluene	7.42	91	1268588	5.609	ug/L	98
44) trans-1,3-Dichloropropene	7.69	75	354528	5.273	ug/L	99
45) 1,1,2-Trichloroethane	7.88	97	185734	5.376	ug/L	98
47) Tetrachloroethene	8.01	164	212977	5.662	ug/L	99
48) 2-Hexanone	8.18	43	1207611	51.211	ug/L	98
49) Dibromochloromethane	8.28	129	231996	5.311	ug/L	98
50) 1,2-Dibromoethane	8.39	107	175475	5.245	ug/L	95
51) Chlorobenzene	8.92	112	776521	5.582	ug/L	99
52) Ethylbenzene	9.05	91	1440515	5.693	ug/L	99
53) m,p-xylene	9.18	106	533693	5.717	ug/L	98
54) o-xylene	9.58	106	515816	5.619	ug/L	97
55) Styrene	9.60	104	860328	5.533	ug/L	97
56) Isopropylbenzene	9.97	105	1395419	5.828	ug/L	99
58) 1,1,1,2,2-Tetrachloroethane	10.28	83	227415	5.338	ug/L	99
59) 1,2,3-Trichloropropane	10.31	75	166309	5.161	ug/L	99
61) Bromoform	9.77	173	112025	4.970	ug/L	98
62) 1,3-Dichlorobenzene	11.22	146	585569	5.633	ug/L	99
63) 1,4-Dichlorobenzene	11.31	146	580691	5.618	ug/L	99
65) 1,2-Dichlorobenzene	11.68	146	525666	5.599	ug/L	99
66) 1,2-Dibromo-3-chloropropan	12.47	75	38428	4.453	ug/L	94
67) 1,3,5-Trichlorobenzene	12.68	180	430701	5.697	ug/L	97
68) 1,2,4-trichlorobenzene	13.30	180	358571	5.408	ug/L	98
69) Naphthalene	13.54	128	650098	4.826	ug/L	100
70) 1,2,3-Trichlorobenzene	13.79	180	313092	5.366	ug/L	99

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

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