

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV011320\
 Data File : VV014278.D
 Acq On : 13 Jan 2020 14:51
 Operator : SY/MD
 Sample : L1101-11
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 GASD3

Quant Time: Jan 13 15:16:20 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	995199	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	899025	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	414839	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	302436	4.34	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	86.80%
7) Chloroethane-d5	1.58	69	236713	4.40	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	88.00%
11) 1,1-Dichloroethene-d2	2.13	63	408331	3.98	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	79.60%
20) 2-Butanone-d5	3.96	46	756584	45.23	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	90.46%
24) Chloroform-d	4.40	84	668836	4.97	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.40%
26) 1,2-Dichloroethane-d4	5.08	65	314021	4.66	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.20%
32) Benzene-d6	5.09	84	1352009	5.04	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.80%
36) 1,2-Dichloropropane-d6	6.11	67	416110	5.00	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	100.00%
41) Toluene-d8	7.35	98	1245379	5.08	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.60%
43) trans-1,3-Dichloropropene-	7.66	79	175658	4.77	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	95.40%
46) 2-Hexanone-d5	8.13	63	694154	44.56	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	89.12%
57) 1,1,2,2-Tetrachloroethane-	10.25	84	271635	4.67	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	93.40%
64) 1,2-Dichlorobenzene-d4	11.67	152	393872	5.06	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	101.20%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	1.14	85	283001	3.772	ug/L	99
5) Vinyl chloride	1.32	62	250616	3.598	ug/L	99
8) Chloroethane	1.60	64	480976	12.290	ug/L	98
10) 1,1,2-Trichloro-1,2,2-trif	2.14	101	492548	11.059	ug/L	98
12) 1,1-Dichloroethene	2.14	96	92851	2.088	ug/L #	58
13) Acetone	2.25	43	1464138	127.104	ug/L	57
15) Methyl Acetate	2.47	43	271802	10.136	ug/L	98
18) trans-1,2-Dichloroethene	2.79	96	183264	2.742	ug/L	95
19) 1,1-Dichloroethane	3.23	63	272397	2.079	ug/L	98
22) cis-1,2-Dichloroethene	3.96	96	298772	4.078	ug/L #	94
23) Bromochloromethane	4.29	128	142106	5.102	ug/L	93
25) Chloroform	4.42	83	1005157	8.015	ug/L	100
27) 1,2-Dichloroethane	5.18	62	144327	1.924	ug/L #	93
29) 1,1,1-Trichloroethane	4.65	97	228001	2.130	ug/L	99
31) Carbon tetrachloride	4.87	117	290034	3.165	ug/L	98
34) Trichloroethene	5.96	95	172971	2.431	ug/L	98
39) cis-1,3-Dichloropropene	7.07	75	564340	4.988	ug/L	99

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40) 4-Methyl-2-pentanone	7.27	43	2577419	58.506	ug/L	100
44) trans-1,3-Dichloropropene	7.69	75	234110	2.694	ug/L	100
45) 1,1,2-Trichloroethane	7.88	97	92596	2.074	ug/L	99
47) Tetrachloroethene	8.01	164	156518	3.220	ug/L	97
50) 1,2-Dibromoethane	8.39	107	210444	4.868	ug/L	96
51) Chlorobenzene	8.92	112	1108127	6.165	ug/L	98
58) 1,1,2,2-Tetrachloroethane	10.28	83	90594	1.646	ug/L	95
61) Bromoform	9.77	173	83953	2.986	ug/L	97
62) 1,3-Dichlorobenzene	11.22	146	435884	3.361	ug/L	98
63) 1,4-Dichlorobenzene	11.31	146	286479	2.221	ug/L	99
68) 1,2,4-trichlorobenzene	13.30	180	433084	5.236	ug/L	99
70) 1,2,3-Trichlorobenzene	13.79	180	230633	3.168	ug/L	99

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

