

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU072120\
 Data File : VU039594.D
 Acq On : 21 Jul 2020 13:40
 Operator : SY/MD
 Sample : L3347-20
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GAY12

Quant Time: Jul 24 17:04:50 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR072120WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed Jul 22 02:01:33 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	121258	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	115402	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	54411	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	26118	4.64	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	92.80%
7) Chloroethane-d5	1.92	69	28768	4.68	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	93.60%
11) 1,1-Dichloroethene-d2	2.58	63	52879	4.18	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	83.60%
20) 2-Butanone-d5	4.66	46	127706	50.30	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	100.60%
24) Chloroform-d	5.08	84	70680	4.95	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.00%
26) 1,2-Dichloroethane-d4	5.72	65	44732	4.74	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	94.80%
32) Benzene-d6	5.74	84	129178	4.66	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.20%
36) 1,2-Dichloropropane-d6	6.70	67	43312	4.74	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.80%
41) Toluene-d8	7.91	98	118902	4.52	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.40%
43) trans-1,3-Dichloropropene-	8.19	79	18398	4.63	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	92.60%
46) 2-Hexanone-d5	8.64	63	95982	49.44	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	98.88%
57) 1,1,2,2-Tetrachloroethane-	10.76	84	37494	4.42	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	88.40%
64) 1,2-Dichlorobenzene-d4	12.19	152	47324	4.84	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	96.80%

Target Compounds

					Qvalue
2) Dichlorodifluoromethane	1.39	85	30142	5.082 ug/L	99
5) Vinyl chloride	1.61	62	35453	5.131 ug/L	100
8) Chloroethane	1.94	64	102250	17.902 ug/L	96
10) 1,1,2-Trichloro-1,2,2-trif	2.59	101	79496	12.619 ug/L	96
12) 1,1-Dichloroethene	2.59	96	15299	2.668 ug/L #	59
13) Acetone	2.66	43	247628	175.272 ug/L	99
15) Methyl Acetate	2.97	43	40867	11.841 ug/L	94
18) trans-1,2-Dichloroethene	3.37	96	21674	3.404 ug/L	93
19) 1,1-Dichloroethane	3.89	63	32196	2.466 ug/L	98
22) cis-1,2-Dichloroethene	4.68	96	36308	4.895 ug/L	92
23) Bromochloromethane	4.99	128	19689	5.716 ug/L	91
25) Chloroform	5.11	83	131530	8.834 ug/L	99
27) 1,2-Dichloroethane	5.81	62	23862	2.357 ug/L	99
29) 1,1,1-Trichloroethane	5.34	97	29458	2.416 ug/L	98
31) Carbon tetrachloride	5.54	117	36504	3.499 ug/L	98
34) Trichloroethene	6.56	95	19916	2.608 ug/L	89
39) cis-1,3-Dichloropropene	7.62	75	64598	5.827 ug/L	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
40) 4-Methyl-2-pentanone	7.80	43	407917	67.709	ug/L	100
44) trans-1,3-Dichloropropene	8.22	75	28959	2.860	ug/L	97
45) 1,1,2-Trichloroethane	8.41	97	13450	2.295	ug/L	96
47) Tetrachloroethene	8.56	164	19465	3.726	ug/L	97
50) 1,2-Dibromoethane	8.93	107	33257	5.793	ug/L #	100
51) Chlorobenzene	9.45	112	132322	6.811	ug/L	99
58) 1,1,2,2-Tetrachloroethane	10.78	83	14385	1.899	ug/L	97
61) Bromoform	10.29	173	12129	3.148	ug/L	99
62) 1,3-Dichlorobenzene	11.74	146	52695	3.564	ug/L	97
63) 1,4-Dichlorobenzene	11.83	146	34775	2.336	ug/L	96
68) 1,2,4-trichlorobenzene	13.83	180	50841	5.818	ug/L	95
70) 1,2,3-Trichlorobenzene	14.32	180	27660	3.563	ug/L	97

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

