

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU080620\
 Data File : VU039767.D
 Acq On : 06 Aug 2020 19:50
 Operator : SY/MD
 Sample : L3578-01
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFWN9

Manual Integrations
 APPROVED

MMDadoda
 8/7/2020 2:26:34 PM

Quant Time: Aug 07 05:10:55 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR080320WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Aug 07 04:28:48 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.29	114	111210	5.00	ug/L	0.02
28) Chlorobenzene-d5	9.43	117	105835	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	48652	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.58	65	442525	73.69	ug/L	-0.02
Spiked Amount	5.000	Range	40 - 130	Recovery	=	1473.80%#
7) Chloroethane-d5	1.92	69	21248	3.27	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	65.40%
11) 1,1-Dichloroethene-d2	2.59	63	437104	36.14	ug/L	0.01
Spiked Amount	5.000	Range	60 - 125	Recovery	=	722.80%#
20) 2-Butanone-d5	0.00	46	0d	0.00	ug/L	
Spiked Amount	50.000	Range	40 - 130	Recovery	=	0.00%#
24) Chloroform-d	5.14	84	52743	3.52	ug/L	0.06
Spiked Amount	5.000	Range	70 - 125	Recovery	=	70.40%
26) 1,2-Dichloroethane-d4	5.74	65	39481	4.42	ug/L	0.03
Spiked Amount	5.000	Range	70 - 130	Recovery	=	88.40%
32) Benzene-d6	5.77	84	118445	4.71	ug/L	0.03
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.20%
36) 1,2-Dichloropropane-d6	6.72	67	41387	4.80	ug/L	0.02
Spiked Amount	5.000	Range	60 - 140	Recovery	=	96.00%
41) Toluene-d8	7.92	98	103358	4.63	ug/L	0.01
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.60%
43) trans-1,3-Dichloropropene-	8.20	79	17273	5.22	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	104.40%
46) 2-Hexanone-d5	8.65	63	90680	50.69	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	101.38%
57) 1,1,2,2-Tetrachloroethane-	10.76	84	38348	4.58	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	91.60%
64) 1,2-Dichlorobenzene-d4	12.19	152	40873	4.91	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.20%

Target Compounds

						Qvalue
5) Vinyl chloride	1.58	62	24174629m	2673.556	ug/L	
10) 1,1,2-Trichloro-1,2,2-trif	2.59	101	905474	118.665	ug/L	96
12) 1,1-Dichloroethene	2.60	96	737259	111.136	ug/L #	77
14) Carbon disulfide	2.82	76	174442	8.410	ug/L	99
16) Methylene chloride	3.07	84	30006	2.806	ug/L	93
18) trans-1,2-Dichloroethene	3.38	96	14891021	2016.220	ug/L	79
19) 1,1-Dichloroethane	3.92	63	86304m	6.330	ug/L	
22) cis-1,2-Dichloroethene	4.68	96	129970861m	16179.565	ug/L	
25) Chloroform	5.17	83	61643	4.206	ug/L	95
27) 1,2-Dichloroethane	5.82	62	1997	0.198	ug/L #	71
33) Benzene	5.82	78	183563	6.366	ug/L	100
34) Trichloroethene	6.57	95	448248	59.855	ug/L	97
40) 4-Methyl-2-pentanone	7.81	43	32648	5.704	ug/L	98
42) Toluene	8.00	91	12581428	415.189	ug/L	99
51) Chlorobenzene	9.46	112	27365	1.344	ug/L	97
52) Ethylbenzene	9.58	91	1521379	44.858	ug/L	97
53) m,p-Xylene	9.70	106	1618612	125.324	ug/L	90

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54) o-Xylene	10.10	106	423450	33.483	ug/L	89
56) Isopropylbenzene	10.48	105	3469	0.103	ug/L	96
65) 1,2-Dichlorobenzene	12.21	146	11844	0.844	ug/L	97

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

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