

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_U\DATA\VU051220\
 Data File : VU038128.D
 Acq On : 12 May 2020 16:45
 Operator : JC/MD
 Sample : L2570-07
 Misc : 25.0mL/MSVOA_U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFSP5

Quant Time: May 13 10:44:51 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR050720WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Wed May 13 01:13:24 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	370094	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	360913	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	181582	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	137605	4.07	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	81.40%
7) Chloroethane-d5	1.93	69	126447	4.32	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	86.40%
11) 1,1-Dichloroethene-d2	2.59	63	183111	3.24	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	64.80%
20) 2-Butanone-d5	4.69	46	518305	62.06	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	124.12%
24) Chloroform-d	5.10	84	240389	4.68	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.60%
26) 1,2-Dichloroethane-d4	5.74	65	141561	4.81	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.20%
32) Benzene-d6	5.76	84	508931	4.70	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.00%
36) 1,2-Dichloropropane-d6	6.72	67	166543	4.77	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.40%
41) Toluene-d8	7.92	98	450958	4.64	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.80%
43) trans-1,3-Dichloropropene-	8.20	79	63525	4.54	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	90.80%
46) 2-Hexanone-d5	8.65	63	398999	60.43	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	120.86%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	142441	5.17	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	103.40%
64) 1,2-Dichlorobenzene-d4	12.20	152	173184	4.90	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	98.00%

Target Compounds

						Qvalue
5) Vinyl chloride	1.62	62	60715	1.52	ug/L	95
18) trans-1,2-Dichloroethene	3.39	96	2880	0.10	ug/L	79
19) 1,1-Dichloroethane	3.91	63	118849	2.17	ug/L	99
22) cis-1,2-Dichloroethene	4.71	96	165701	5.48	ug/L	100
27) 1,2-Dichloroethane	5.83	62	52005	1.44	ug/L	99
29) 1,1,1-Trichloroethane	5.35	97	6947	0.17	ug/L	92
30) Cyclohexane	5.42	56	99288	2.03	ug/L	93
33) Benzene	5.81	78	1062513	9.19	ug/L	100
34) Trichloroethene	6.57	95	25944	0.90	ug/L	97
35) Methylcyclohexane	6.79	83	32102	0.69	ug/L #	86
42) Toluene	7.99	91	114701	0.94	ug/L	96
47) Tetrachloroethene	8.57	164	3484	0.17	ug/L	89
48) 2-Hexanone	8.71	43	43086	2.70	ug/L #	90
51) Chlorobenzene	9.46	112	744724	9.84	ug/L	99
52) Ethylbenzene	9.59	91	640317	4.85	ug/L	99
53) m,p-Xylene	9.71	106	732993	14.46	ug/L	99
54) o-Xylene	10.11	106	162925	3.33	ug/L	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
56) Isopropylbenzene	10.50	105	171832	1.37	ug/L	99
62) 1,3-Dichlorobenzene	11.76	146	17336	0.29	ug/L	94
63) 1,4-Dichlorobenzene	11.85	146	50600	0.85	ug/L	98
65) 1,2-Dichlorobenzene	12.22	146	466209	8.20	ug/L	98
68) 1,2,4-trichlorobenzene	13.87	180	11053	0.28	ug/L #	87

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

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