

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU092620\
 Data File : VU040318.D
 Acq On : 25 Sep 2020 22:29
 Operator : SY/MD
 Sample : L4139-06
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BG491

Quant Time: Sep 28 09:47:29 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR083120WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Sep 26 06:44:13 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	148076	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	140925	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	71224	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	33933	4.20	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	84.00%
7) Chloroethane-d5	1.92	69	33252	4.94	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	98.80%
11) 1,1-Dichloroethene-d2	2.57	63	53727	2.59	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	51.80%#
20) 2-Butanone-d5	4.73	46	142002	43.91	ug/L	0.07
Spiked Amount	50.000	Range	40 - 130	Recovery	=	87.82%
24) Chloroform-d	5.08	84	80086	4.24	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.80%
26) 1,2-Dichloroethane-d4	5.72	65	49012	4.20	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	84.00%
32) Benzene-d6	5.74	84	153464	4.66	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.20%
36) 1,2-Dichloropropane-d6	6.70	67	54025	4.98	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.60%
41) Toluene-d8	7.90	98	132312	4.45	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.00%
43) trans-1,3-Dichloropropene-	8.19	79	19038	3.82	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	76.40%
46) 2-Hexanone-d5	8.65	63	110131	46.67	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	93.34%
57) 1,1,2,2-Tetrachloroethane-	10.76	84	45239	4.82	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	96.40%
64) 1,2-Dichlorobenzene-d4	12.19	152	53171	4.61	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	92.20%

Target Compounds

					Ovalue
3) Chloromethane	1.52	50	2209	0.157 ug/L	99
5) Vinyl chloride	1.60	62	130560	9.153 ug/L	97
8) Chloroethane	1.94	64	1098906	128.198 ug/L	99
13) Acetone	2.77	43	524311	175.147 ug/L	98
14) Carbon disulfide	2.80	76	11048	0.301 ug/L	99
19) 1,1-Dichloroethane	3.88	63	121299	4.780 ug/L	100
21) 2-Butanone	4.80	43	73079	14.953 ug/L	95
22) cis-1,2-Dichloroethene	4.68	96	1110973	83.816 ug/L	99
30) Cyclohexane	5.39	56	45493	2.120 ug/L	94
33) Benzene	5.79	78	4083739	81.003 ug/L	100
34) Trichloroethene	6.55	95	4243	0.314 ug/L	90
35) Methylcyclohexane	6.77	83	68574	3.312 ug/L	92
40) 4-Methyl-2-pentanone	7.82	43	53195	4.749 ug/L	100
42) Toluene	7.98	91	15474041	298.040 ug/L	96
47) Tetrachloroethene	8.56	164	6274	0.706 ug/L	91
51) Chlorobenzene	9.45	112	3980894	123.498 ug/L	98
52) Ethylbenzene	9.57	91	2847334	48.267 ug/L	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
53) m,p-Xylene	9.70	106	4254084	202.547	ug/L	98
54) o-Xylene	10.10	106	963115	48.121	ug/L	99
56) Isopropylbenzene	10.48	105	522919	9.580	ug/L	99
62) 1,3-Dichlorobenzene	11.74	146	18171	0.698	ug/L	97
63) 1,4-Dichlorobenzene	11.83	146	144475	5.485	ug/L	98
65) 1,2-Dichlorobenzene	12.20	146	102381	4.064	ug/L	96

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

