

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U110920\
 Data File : VU041147.D
 Acq On : 09 Nov 2020 17:41
 Operator : SY/MD
 Sample : L4646-14
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 GB0T8

Manual Integrations
 APPROVED

MMDadoda
 11/11/2020 9:33:58 AM

Quant Time: Nov 10 10:53:41 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR102620WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Nov 10 01:04:12 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	68618	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	68097	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	35373	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	16609	2.88	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	57.60%
7) Chloroethane-d5	1.92	69	19694	4.45	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	89.00%
11) 1,1-Dichloroethene-d2	2.58	63	28557	2.53	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	50.60%#
20) 2-Butanone-d5	4.67	46	78949	41.59	ug/L	0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	83.18%
24) Chloroform-d	5.08	84	44031	4.32	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.40%
26) 1,2-Dichloroethane-d4	5.75	65	27719	4.39	ug/L	0.03
Spiked Amount	5.000	Range	70 - 130	Recovery	=	87.80%
32) Benzene-d6	5.76	84	78656	4.32	ug/L	0.02
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.40%
36) 1,2-Dichloropropane-d6	6.70	67	26373	4.45	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	89.00%
41) Toluene-d8	7.91	98	77031	4.67	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.40%
43) trans-1,3-Dichloropropene-	8.19	79	14472	5.63	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	112.60%
46) 2-Hexanone-d5	8.64	63	74497	53.83	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	107.66%
57) 1,1,2,2-Tetrachloroethane-	10.76	84	26190	4.76	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.20%
64) 1,2-Dichlorobenzene-d4	12.19	152	32890	5.30	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	106.00%

Target Compounds

					Ovalue
5) Vinyl chloride	1.60	62	15735	2.442	ug/L 99
8) Chloroethane	1.94	64	2579m	0.632	ug/L
18) trans-1,2-Dichloroethene	3.38	96	7207	1.463	ug/L 91
22) cis-1,2-Dichloroethene	4.69	96	170734	33.603	ug/L 97
30) Cyclohexane	5.41	56	1727314	210.503	ug/L 98
33) Benzene	5.80	78	36487335m	1793.217	ug/L
35) Methylcyclohexane	6.77	83	342101	44.291	ug/L 89
42) Toluene	7.98	91	693573	33.615	ug/L 99
52) Ethylbenzene	9.57	91	1381482	63.610	ug/L 99
53) m,p-Xylene	9.71	106	4784503	604.058	ug/L 98
54) o-Xylene	10.10	106	99245	13.454	ug/L 96
56) Isopropylbenzene	10.48	105	1012652	51.052	ug/L 99

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

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