

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU081720\
 Data File : VU039891.D
 Acq On : 17 Aug 2020 16:39
 Operator : SY/MD
 Sample : L3517-13
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 F4L62

Manual Integrations
 APPROVED

MMDadoda
 8/18/2020 2:01:10 PM

Quant Time: Aug 18 05:30:18 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR080320WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Aug 18 04:18:42 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	78371	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	77623	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	37191	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	17470	4.13	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	82.60%
7) Chloroethane-d5	1.92	69	18376	4.02	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	80.40%
11) 1,1-Dichloroethene-d2	2.58	63	25911	3.04	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	60.80%
20) 2-Butanone-d5	4.66	46	76685	41.20	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	82.40%
24) Chloroform-d	5.08	84	44933	4.25	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	85.00%
26) 1,2-Dichloroethane-d4	5.72	65	26731	4.25	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.00%
32) Benzene-d6	5.74	84	81307	4.41	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	88.20%
36) 1,2-Dichloropropane-d6	6.70	67	28713	4.54	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	90.80%
41) Toluene-d8	7.90	98	63531	3.88	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	77.60%
43) trans-1,3-Dichloropropene-	8.19	79	10507	4.33	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	86.60%
46) 2-Hexanone-d5	8.64	63	58661	44.71	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	89.42%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	25825	4.20	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	84.00%
64) 1,2-Dichlorobenzene-d4	12.19	152	28956	4.55	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	91.00%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
5) Vinyl chloride	1.61	62	4945	0.776	ug/L	87
18) trans-1,2-Dichloroethene	3.38	96	1133m	0.218	ug/L	
22) cis-1,2-Dichloroethene	4.69	96	1743	0.308	ug/L	97
33) Benzene	5.79	78	3901	0.184	ug/L	100
34) Trichloroethene	6.56	95	1059	0.193	ug/L #	69
40) 4-Methyl-2-pentanone	7.80	43	6082	1.449	ug/L #	89
42) Toluene	7.98	91	11461	0.516	ug/L	98
52) Ethylbenzene	9.57	91	7038	0.283	ug/L	89
53) m,p-Xylene	9.69	106	9739	1.028	ug/L	99
54) o-Xylene	10.10	106	2644	0.285	ug/L	91

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

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