

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU041720\
 Data File : VU037777.D
 Acq On : 17 Apr 2020 15:55
 Operator : JC/MD
 Sample : L2296-03DL 5X
 Misc : 25mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFS89DL

Quant Time: Apr 18 03:27:29 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR041420WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Apr 18 01:19:54 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	257018	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	248170	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	123426	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	86833	4.46	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	89.20%
7) Chloroethane-d5	1.93	69	75836	4.62	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	92.40%
11) 1,1-Dichloroethene-d2	2.59	63	116942	3.38	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	67.60%
20) 2-Butanone-d5	4.66	46	275398	51.56	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	103.12%
24) Chloroform-d	5.10	84	148385	4.78	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.60%
26) 1,2-Dichloroethane-d4	5.74	65	92971	5.21	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	104.20%
32) Benzene-d6	5.76	84	326369	4.85	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.00%
36) 1,2-Dichloropropane-d6	6.72	67	111345	5.10	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	102.00%
41) Toluene-d8	7.92	98	297155	4.88	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.60%
43) trans-1,3-Dichloropropene-	8.20	79	45167	4.61	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	92.20%
46) 2-Hexanone-d5	8.65	63	254284	50.68	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	101.36%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	86336	5.01	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	100.20%
64) 1,2-Dichlorobenzene-d4	12.21	152	110814	5.03	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	100.60%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
5) Vinyl chloride	1.62	62	90563	3.344	ug/L	97
12) 1,1-Dichloroethene	2.60	96	5817	0.328	ug/L	# 1
19) 1,1-Dichloroethane	3.91	63	87014	2.339	ug/L	98
22) cis-1,2-Dichloroethene	4.71	96	143134	6.889	ug/L	96
29) 1,1,1-Trichloroethane	5.35	97	209975	6.973	ug/L	98
30) Cyclohexane	5.42	56	135097	3.625	ug/L	96
42) Toluene	7.99	91	704469	8.202	ug/L	98
51) Chlorobenzene	9.47	112	140264	2.677	ug/L	98
52) Ethylbenzene	9.59	91	153541	1.607	ug/L	99
53) m,p-Xylene	9.71	106	101560	2.808	ug/L	95
54) o-Xylene	10.12	106	53514	1.503	ug/L	97
56) Isopropylbenzene	10.50	105	49029	0.525	ug/L	99
62) 1,3-Dichlorobenzene	11.76	146	31525	0.763	ug/L	96
63) 1,4-Dichlorobenzene	11.85	146	51828	1.250	ug/L	99
65) 1,2-Dichlorobenzene	12.23	146	18191	0.467	ug/L	97
68) 1,2,4-trichlorobenzene	13.87	180	14055	0.505	ug/L	97
70) 1,2,3-Trichlorobenzene	14.36	180	4000	0.161	ug/L	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

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