

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU041620\
 Data File : VU037747.D
 Acq On : 16 Apr 2020 12:07
 Operator : JC/MD
 Sample : L2296-03
 Misc : 25mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFS89

Quant Time: Apr 17 10:29:45 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR041420WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Apr 17 01:29:02 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.28	114	258954	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	252399	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	126233	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	92822	4.74	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	94.80%
7) Chloroethane-d5	1.93	69	78023	4.72	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	94.40%
11) 1,1-Dichloroethene-d2	2.59	63	133243	3.83	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	76.60%
20) 2-Butanone-d5	4.66	46	270283	50.22	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	100.44%
24) Chloroform-d	5.10	84	146759	4.69	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.80%
26) 1,2-Dichloroethane-d4	5.74	65	87349	4.86	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.20%
32) Benzene-d6	5.76	84	313402	4.58	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.60%
36) 1,2-Dichloropropane-d6	6.72	67	105571	4.76	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.20%
41) Toluene-d8	7.92	98	289123	4.67	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	93.40%
43) trans-1,3-Dichloropropene-	8.20	79	43191	4.33	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	86.60%
46) 2-Hexanone-d5	8.66	63	251877	49.36	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	98.72%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	83220	4.75	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	95.00%
64) 1,2-Dichlorobenzene-d4	12.21	152	107066	4.75	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	95.00%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
5) Vinyl chloride	1.62	62	462985	16.968	ug/L	98
12) 1,1-Dichloroethene	2.60	96	29505	1.651	ug/L #	58
18) trans-1,2-Dichloroethene	3.39	96	7425	0.383	ug/L	76
19) 1,1-Dichloroethane	3.91	63	433550	11.569	ug/L	98
22) cis-1,2-Dichloroethene	4.71	96	724534	34.612	ug/L #	95
29) 1,1,1-Trichloroethane	5.35	97	1094263	35.730	ug/L	99
30) Cyclohexane	5.42	56	704913	18.597	ug/L	97
33) Benzene	5.81	78	12496	0.150	ug/L	100
34) Trichloroethene	6.57	95	3199	0.156	ug/L	89
42) Toluene	8.00	91	3671665	42.032	ug/L	100
51) Chlorobenzene	9.47	112	719031	13.491	ug/L	99
52) Ethylbenzene	9.59	91	812690	8.363	ug/L	98
53) m,p-Xylene	9.71	106	548900	14.923	ug/L	99
54) o-Xylene	10.12	106	284053	7.847	ug/L	100
56) Isopropylbenzene	10.50	105	260145	2.740	ug/L	100
62) 1,3-Dichlorobenzene	11.76	146	160639	3.799	ug/L	98
63) 1,4-Dichlorobenzene	11.85	146	276565	6.523	ug/L	98

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65) 1,2-Dichlorobenzene	12.23	146	88700	2.229	ug/L	100
68) 1,2,4-trichlorobenzene	13.87	180	76124	2.675	ug/L	97
70) 1,2,3-Trichlorobenzene	14.37	180	19868	0.784	ug/L	97

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

