

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU041720\
 Data File : VU037773.D
 Acq On : 17 Apr 2020 14:15
 Operator : JC/MD
 Sample : L2296-06
 Misc : 25mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BFS92

Manual Integrations
 APPROVED

MMDadoda
 4/20/2020 10:56:24 AM

Quant Time: Apr 18 03:00:09 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	274351	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	262251	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	129742	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	86123	4.15	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	83.00%
7) Chloroethane-d5	1.93	69	78630	4.49	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	89.80%
11) 1,1-Dichloroethene-d2	2.59	63	120345	3.26	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	65.20%
20) 2-Butanone-d5	4.66	46	285579	50.09	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	100.18%
24) Chloroform-d	5.10	84	152507	4.60	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.00%
26) 1,2-Dichloroethane-d4	5.74	65	93064	4.88	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.60%
32) Benzene-d6	5.76	84	326173	4.59	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.80%
36) 1,2-Dichloropropane-d6	6.72	67	110469	4.79	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.80%
41) Toluene-d8	7.92	98	295661	4.60	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.00%
43) trans-1,3-Dichloropropene-	8.20	79	46601	4.50	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	90.00%
46) 2-Hexanone-d5	8.65	63	247468	46.67	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	93.34%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	85558	4.70	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	94.00%
64) 1,2-Dichlorobenzene-d4	12.21	152	108049	4.67	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	93.40%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
5) Vinyl chloride	1.62	62	48382	1.674	ug/L	92
12) 1,1-Dichloroethene	2.60	96	6810	0.360	ug/L	# 1
13) Acetone	2.66	43	3476	0.925	ug/L	83
18) trans-1,2-Dichloroethene	3.39	96	5076	0.247	ug/L	99
19) 1,1-Dichloroethane	3.91	63	137976	3.475	ug/L	100
22) cis-1,2-Dichloroethene	4.71	96	193976	8.746	ug/L	96
25) Chloroform	5.13	83	78845	2.091	ug/L	100
27) 1,2-Dichloroethane	5.83	62	13963	0.548	ug/L	100
29) 1,1,1-Trichloroethane	5.36	97	46898	1.474	ug/L	99
30) Cyclohexane	5.42	56	9729	0.247	ug/L	98
33) Benzene	5.81	78	31533m	0.364	ug/L	
34) Trichloroethene	6.57	95	9412	0.442	ug/L	96
45) 1,1,2-Trichloroethane	8.42	97	6065	0.392	ug/L	90
51) Chlorobenzene	9.47	112	55924	1.010	ug/L	98
54) o-Xylene	10.12	106	5146	0.137	ug/L	82
62) 1,3-Dichlorobenzene	11.76	146	6979	0.161	ug/L	92
63) 1,4-Dichlorobenzene	11.85	146	10309	0.237	ug/L	97

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65) 1,2-Dichlorobenzene	12.22	146	4785	0.117	ug/L	95
68) 1,2,4-trichlorobenzene	13.87	180	5417	0.185	ug/L	94
70) 1,2,3-Trichlorobenzene	14.36	180	3914	0.150	ug/L	95

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

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