

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU041620\
 Data File : VU037750.D
 Acq On : 16 Apr 2020 13:25
 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
 4/17/2020 2:54:20 PM

Quant Time: Apr 17 03:15:05 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	279727	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.44	117	272284	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.83	152	136059	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.61	65	93956	4.44	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	88.80%
7) Chloroethane-d5	1.93	69	80002	4.48	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	89.60%
11) 1,1-Dichloroethene-d2	2.59	63	124446	3.31	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	66.20%
20) 2-Butanone-d5	4.66	46	286733	49.32	ug/L	-0.01
Spiked Amount	50.000	Range	40 - 130	Recovery	=	98.64%
24) Chloroform-d	5.10	84	154072	4.56	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.20%
26) 1,2-Dichloroethane-d4	5.74	65	93241	4.80	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.00%
32) Benzene-d6	5.76	84	336428	4.56	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.20%
36) 1,2-Dichloropropane-d6	6.72	67	110881	4.63	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	92.60%
41) Toluene-d8	7.92	98	306932	4.60	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.00%
43) trans-1,3-Dichloropropene-	8.20	79	48266	4.49	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	89.80%
46) 2-Hexanone-d5	8.66	63	258510	46.96	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	93.92%
57) 1,1,2,2-Tetrachloroethane-	10.77	84	87420	4.63	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	92.60%
64) 1,2-Dichlorobenzene-d4	12.21	152	112578	4.64	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	92.80%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
5) Vinyl chloride	1.62	62	48091	1.632	ug/L	96
12) 1,1-Dichloroethene	2.60	96	7393	0.383	ug/L	# 1
13) Acetone	2.65	43	3195	0.834	ug/L	96
18) trans-1,2-Dichloroethene	3.39	96	5497	0.263	ug/L	94
19) 1,1-Dichloroethane	3.91	63	136788	3.379	ug/L	98
22) cis-1,2-Dichloroethene	4.71	96	190114	8.408	ug/L	95
25) Chloroform	5.13	83	80680	2.098	ug/L	95
27) 1,2-Dichloroethane	5.83	62	14158	0.545	ug/L	96
29) 1,1,1-Trichloroethane	5.35	97	46314	1.402	ug/L	97
30) Cyclohexane	5.42	56	9734	0.238	ug/L	97
33) Benzene	5.81	78	32827m	0.365	ug/L	
34) Trichloroethene	6.57	95	8845	0.400	ug/L	90
45) 1,1,2-Trichloroethane	8.43	97	5822	0.362	ug/L	94
51) Chlorobenzene	9.47	112	57676	1.003	ug/L	99
54) o-Xylene	10.12	106	5797	0.148	ug/L	100
62) 1,3-Dichlorobenzene	11.76	146	7774	0.171	ug/L	91
63) 1,4-Dichlorobenzene	11.85	146	10259	0.224	ug/L	99

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65) 1,2-Dichlorobenzene	12.23	146	4471	0.104	ug/L	98
68) 1,2,4-trichlorobenzene	13.87	180	6148	0.200	ug/L	96
70) 1,2,3-Trichlorobenzene	14.36	180	4394	0.161	ug/L	94

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

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