

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU091620\
 Data File : VU040173.D
 Acq On : 17 Sep 2020 01:48
 Operator : SY/MD
 Sample : L4046-12
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BG0Q0

Manual Integrations
 APPROVED

MMDadoda
 9/17/2020 3:12:33 PM

Quant Time: Sep 17 03:38:41 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR083120WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Sep 17 02:07:00 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	119512	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	116494	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	57722	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	24788	3.80	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	76.00%
7) Chloroethane-d5	1.92	69	22928	4.22	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	84.40%
11) 1,1-Dichloroethene-d2	2.57	63	40243	2.40	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	48.00%#
20) 2-Butanone-d5	4.72	46	83720	32.08	ug/L	0.06
Spiked Amount	50.000	Range	40 - 130	Recovery	=	64.16%
24) Chloroform-d	5.08	84	64098	4.20	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	84.00%
26) 1,2-Dichloroethane-d4	5.73	65	38530	4.09	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	81.80%
32) Benzene-d6	5.75	84	118498	4.36	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	87.20%
36) 1,2-Dichloropropane-d6	6.71	67	38793	4.33	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	86.60%
41) Toluene-d8	7.91	98	100940	4.11	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	82.20%
43) trans-1,3-Dichloropropene-	8.19	79	15387	3.74	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	74.80%
46) 2-Hexanone-d5	8.65	63	77811	39.89	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	79.78%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	35281	4.55	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	91.00%
64) 1,2-Dichlorobenzene-d4	12.19	152	39788	4.26	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	85.20%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	1.48	85	1104	0.093	ug/L	100
8) Chloroethane	1.94	64	3110	0.450	ug/L #	70
13) Acetone	2.76	43	20548	8.505	ug/L	88
14) Carbon disulfide	2.80	76	3987	0.134	ug/L #	75
30) Cyclohexane	5.40	56	42915	2.419	ug/L	96
33) Benzene	5.79	78	22918442m	549.934	ug/L	
35) Methylcyclohexane	6.77	83	69585	4.065	ug/L	94
42) Toluene	7.98	91	155284	3.618	ug/L	96
51) Chlorobenzene	9.45	112	2365921	88.790	ug/L	98
52) Ethylbenzene	9.57	91	4423894	90.720	ug/L	98
53) m,p-Xylene	9.69	106	1320092	76.034	ug/L	98
54) o-Xylene	10.10	106	396601	23.972	ug/L	99
56) Isopropylbenzene	10.48	105	2560606	56.750	ug/L	99
62) 1,3-Dichlorobenzene	11.74	146	54494	2.583	ug/L	99
63) 1,4-Dichlorobenzene	11.83	146	281010	13.163	ug/L	98
65) 1,2-Dichlorobenzene	12.21	146	159511	7.814	ug/L	98
68) 1,2,4-trichlorobenzene	13.83	180	2601	0.204	ug/L #	73

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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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