

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU070920\
 Data File : VU039419.D
 Acq On : 10 Jul 2020 01:29
 Operator : SY/MD
 Sample : L3261-07
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BE506

Manual Integrations
 APPROVED

MMDadoda
 7/13/2020 10:49:51 AM

Quant Time: Jul 10 02:53:53 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR070720WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Jul 10 02:02:00 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.27	114	112464	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	121510	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	86611	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	26066	4.00	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	80.00%
7) Chloroethane-d5	1.92	69	28709	4.31	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	86.20%
11) 1,1-Dichloroethene-d2	2.58	63	40847	3.19	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	63.80%
20) 2-Butanone-d5	4.66	46	111363	37.34	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	74.68%
24) Chloroform-d	5.08	84	69396	5.00	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	100.00%
26) 1,2-Dichloroethane-d4	5.73	65	43872	5.04	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.80%
32) Benzene-d6	5.75	84	132963	4.55	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.00%
36) 1,2-Dichloropropane-d6	6.71	67	48926	4.76	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.20%
41) Toluene-d8	7.91	98	124188	4.90	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	98.00%
43) trans-1,3-Dichloropropene-	8.19	79	24895	5.49	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	109.80%
46) 2-Hexanone-d5	8.64	63	136306	50.63	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	101.26%
57) 1,1,2,2-Tetrachloroethane-	10.76	84	62868	6.17	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	123.40%#
64) 1,2-Dichlorobenzene-d4	12.19	152	90543	5.86	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	117.20%

Target Compounds

					Ovalue
5) Vinyl chloride	1.61	62	50796	5.539	ug/L 90
8) Chloroethane	1.94	64	151242	22.828	ug/L 97
10) 1,1,2-Trichloro-1,2,2-trif	2.59	101	1103	0.169	ug/L # 77
13) Acetone	2.66	43	37188	23.100	ug/L 92
18) trans-1,2-Dichloroethene	3.37	96	1901	0.257	ug/L 84
19) 1,1-Dichloroethane	3.89	63	35303	2.437	ug/L 97
21) 2-Butanone	4.74	43	21084	7.338	ug/L 93
22) cis-1,2-Dichloroethene	4.69	96	266130	32.053	ug/L 96
29) 1,1,1-Trichloroethane	5.34	97	1266	0.088	ug/L # 91
30) Cyclohexane	5.41	56	40266	2.672	ug/L 96
33) Benzene	5.79	78	21452977m	590.533	ug/L
35) Methylcyclohexane	6.78	83	44201	2.938	ug/L # 88
40) 4-Methyl-2-pentanone	7.81	43	62011	7.506	ug/L 99
42) Toluene	7.98	91	25027312m	643.353	ug/L
51) Chlorobenzene	9.45	112	3741416	157.393	ug/L 98
52) Ethylbenzene	9.58	91	6974371	162.223	ug/L 99
53) m,p-Xylene	9.70	106	6852478	423.017	ug/L 96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
54) o-Xylene	10.11	106	1948564	123.560	ug/L	100
56) Isopropylbenzene	10.48	105	1179418	27.654	ug/L	98
62) 1,3-Dichlorobenzene	11.74	146	35007	1.290	ug/L	96
63) 1,4-Dichlorobenzene	11.83	146	203449	7.472	ug/L	98
65) 1,2-Dichlorobenzene	12.21	146	289515	10.641	ug/L	98
68) 1,2,4-trichlorobenzene	13.83	180	3079	0.177	ug/L #	80

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

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