

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\VU070920\
 Data File : VU039417.D
 Acq On : 10 Jul 2020 00:43
 Operator : SY/MD
 Sample : L3261-05
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BE504

Manual Integrations
 APPROVED

MMDadoda
 7/13/2020 10:49:53 AM

Quant Time: Jul 10 02:44:02 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	104981	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	109776	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	67210	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	25670	4.22	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	84.40%
7) Chloroethane-d5	1.93	69	26954	4.33	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	86.60%
11) 1,1-Dichloroethene-d2	2.58	63	41130	3.44	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	68.80%
20) 2-Butanone-d5	4.66	46	155463	55.84	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	111.68%
24) Chloroform-d	5.08	84	67353	5.20	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	104.00%
26) 1,2-Dichloroethane-d4	5.72	65	43843	5.39	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	107.80%
32) Benzene-d6	5.74	84	130873	4.95	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	99.00%
36) 1,2-Dichloropropane-d6	6.71	67	46165	4.97	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	99.40%
41) Toluene-d8	7.91	98	114639	5.00	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.00%
43) trans-1,3-Dichloropropene-	8.19	79	22998	5.61	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	112.20%
46) 2-Hexanone-d5	8.64	63	144897	59.57	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	119.14%
57) 1,1,2,2-Tetrachloroethane-	10.76	84	57731	6.27	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	125.40%#
64) 1,2-Dichlorobenzene-d4	12.19	152	69056	5.76	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	115.20%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
5) Vinyl chloride	1.61	62	17756	2.074	ug/L	99
8) Chloroethane	1.94	64	59566	9.631	ug/L	96
13) Acetone	2.68	43	26145	17.398	ug/L	72
16) Methylene chloride	3.07	84	622	0.079	ug/L	97
17) Methyl tert-butyl Ether	3.38	73	7496	0.381	ug/L #	1
18) trans-1,2-Dichloroethene	3.37	96	825	0.119	ug/L	92
19) 1,1-Dichloroethane	3.89	63	14543	1.075	ug/L	96
21) 2-Butanone	4.74	43	16247m	6.057	ug/L	
22) cis-1,2-Dichloroethene	4.69	96	109480	14.126	ug/L	97
30) Cyclohexane	5.41	56	10480	0.770	ug/L	96
33) Benzene	5.80	78	9670184	294.643	ug/L	100
35) Methylcyclohexane	6.77	83	8767	0.645	ug/L #	81
40) 4-Methyl-2-pentanone	7.81	43	30017	4.022	ug/L	97
42) Toluene	7.98	91	16299800	463.790	ug/L	85
51) Chlorobenzene	9.45	112	1333582	62.098	ug/L	99
52) Ethylbenzene	9.57	91	2392909	61.608	ug/L	100
53) m,p-Xylene	9.70	106	2758752	188.507	ug/L	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
54) o-Xylene	10.10	106	834615	58.581	ug/L	98
56) Isopropylbenzene	10.48	105	420280	10.908	ug/L	99
62) 1,3-Dichlorobenzene	11.74	146	12979	0.616	ug/L	97
63) 1,4-Dichlorobenzene	11.83	146	76619	3.626	ug/L	99
65) 1,2-Dichlorobenzene	12.21	146	96939	4.591	ug/L	99

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

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