

Data Path : Z:\VOASRV\HPCHEM1\MSVOA U\DATA\U100520\
 Data File : VU040517.D
 Acq On : 05 Oct 2020 18:13
 Operator : SY/MD
 Sample : L4240-08DL 10X
 Misc : 25.0mL/MSVOA U/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_U
 ClientSampleId :
 BG3S5DL

Manual Integrations
 APPROVED

MMDadoda
 10/8/2020 9:41:03 AM

Quant Time: Oct 06 09:19:45 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_U\METHOD\SOMUTR092920WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Tue Oct 06 07:45:27 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	6.26	114	121636	5.00	ug/L	0.00
28) Chlorobenzene-d5	9.42	117	114901	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.81	152	61466	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.60	65	29687	4.93	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	98.60%
7) Chloroethane-d5	1.92	69	25864	4.91	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	98.20%
11) 1,1-Dichloroethene-d2	2.58	63	46080	3.18	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	63.60%
20) 2-Butanone-d5	4.65	46	133295	44.56	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	89.12%
24) Chloroform-d	5.08	84	65480	4.57	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	91.40%
26) 1,2-Dichloroethane-d4	5.72	65	41458	4.75	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	95.00%
32) Benzene-d6	5.75	84	125302	5.43	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	108.60%
36) 1,2-Dichloropropane-d6	6.70	67	41674	4.93	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.60%
41) Toluene-d8	7.91	98	100823	5.02	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	100.40%
43) trans-1,3-Dichloropropene-	8.19	79	16105	4.67	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	93.40%
46) 2-Hexanone-d5	8.64	63	89855	44.30	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	88.60%
57) 1,1,2,2-Tetrachloroethane-	10.75	84	36994	4.50	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	90.00%
64) 1,2-Dichlorobenzene-d4	12.19	152	47710	5.12	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.40%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
8) Chloroethane	1.94	64	3336	0.479	ug/L #	62
19) 1,1-Dichloroethane	3.89	63	6994	0.356	ug/L	97
22) cis-1,2-Dichloroethene	4.69	96	1476m	0.139	ug/L	
29) 1,1,1-Trichloroethane	5.34	97	9685	0.617	ug/L	98
30) Cyclohexane	5.41	56	317473	19.552	ug/L	99
35) Methylcyclohexane	6.77	83	7150	0.477	ug/L	93
42) Toluene	7.98	91	39259	0.994	ug/L	96
48) 2-Hexanone	8.69	43	3697	0.597	ug/L #	95
51) Chlorobenzene	9.45	112	2283	0.089	ug/L	94
52) Ethylbenzene	9.57	91	9441	0.220	ug/L	98
53) m,p-Xylene	9.69	106	8613	0.539	ug/L	95
54) o-Xylene	10.11	106	2574	0.171	ug/L	67
56) Isopropylbenzene	10.48	105	21882	0.540	ug/L	99
62) 1,3-Dichlorobenzene	11.74	146	1144	0.056	ug/L #	81
63) 1,4-Dichlorobenzene	11.83	146	4504	0.213	ug/L	95
65) 1,2-Dichlorobenzene	12.20	146	1349	0.068	ug/L #	89
68) 1,2,4-trichlorobenzene	13.83	180	85623	7.335	ug/L	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
70) 1,2,3-Trichlorobenzene	14.32	180	17749	1.662	ug/L	98

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

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