

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV062219\
 Data File : VV011705.D
 Acq On : 22 Jun 2019 00:53
 Operator : SY/MD
 Sample : K3462-10
 Misc : 25ML/MSVOA V/WATER
 ALS Vial : 36 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BFCP6

Manual Integrations
 APPROVED

MMDadoda
 6/24/2019 9:47:27 AM

Quant Time: Jun 24 06:39:26 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR062119WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Mon Jun 24 05:42:24 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.77	114	105218	5.00	ug/L	0.11
28) Chlorobenzene-d5	8.97	117	114166	5.00	ug/L	0.08
60) 1,4-Dichlorobenzene-d4	11.32	152	62119	5.00	ug/L	0.02

System Monitoring Compounds

4) Vinyl Chloride-d3	1.34	65	42559	6.09	ug/L	0.03
Spiked Amount	5.000	Range	40 - 130	Recovery	=	121.80%
7) Chloroethane-d5	1.64	69	29245	5.96	ug/L	0.07
Spiked Amount	5.000	Range	65 - 130	Recovery	=	119.20%
11) 1,1-Dichloroethene-d2	2.25	63	65026	4.58	ug/L	0.13
Spiked Amount	5.000	Range	60 - 125	Recovery	=	91.60%
20) 2-Butanone-d5	4.29	46	133769m	72.72	ug/L	0.34
Spiked Amount	50.000	Range	40 - 130	Recovery	=	145.44%#
24) Chloroform-d	4.65	84	72930	5.72	ug/L	0.25
Spiked Amount	5.000	Range	70 - 125	Recovery	=	114.40%
26) 1,2-Dichloroethane-d4	5.26	65	47753	6.24	ug/L	0.18
Spiked Amount	5.000	Range	70 - 130	Recovery	=	124.80%
32) Benzene-d6	5.27	84	149185	4.69	ug/L	0.17
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.80%
36) 1,2-Dichloropropane-d6	6.19	67	39404	4.02	ug/L	0.07
Spiked Amount	5.000	Range	60 - 140	Recovery	=	80.40%
41) Toluene-d8	7.52	98	128410	4.46	ug/L	0.16
Spiked Amount	5.000	Range	70 - 130	Recovery	=	89.20%
43) trans-1,3-Dichloropropene-	7.80	79	15955	4.66	ug/L	0.13
Spiked Amount	5.000	Range	55 - 130	Recovery	=	93.20%
46) 2-Hexanone-d5	8.24	63	107152	66.62	ug/L	0.11
Spiked Amount	50.000	Range	45 - 130	Recovery	=	133.24%#
57) 1,1,2,2-Tetrachloroethane-	10.30	84	43757	6.41	ug/L	0.04
Spiked Amount	5.000	Range	65 - 120	Recovery	=	128.20%#
64) 1,2-Dichlorobenzene-d4	11.69	152	60527	5.16	ug/L	0.02
Spiked Amount	5.000	Range	80 - 120	Recovery	=	103.20%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
3) Chloromethane	1.27	50	3908	0.394	ug/L	95
5) Vinyl chloride	1.35	62	5655	0.581	ug/L #	1
33) Benzene	5.31	78	20984m	0.554	ug/L	
42) Toluene	7.59	91	17843	0.451	ug/L	99
52) Ethylbenzene	9.13	91	12387m	0.284	ug/L	
53) m,p-xylene	9.25	106	10797m	0.674	ug/L	
54) o-xylene	9.64	106	9250	0.590	ug/L	96
56) Isopropylbenzene	10.02	105	10212	0.243	ug/L #	83
62) 1,3-Dichlorobenzene	11.25	146	2281	0.109	ug/L	87
63) 1,4-Dichlorobenzene	11.34	146	7284	0.337	ug/L	97
65) 1,2-Dichlorobenzene	11.71	146	57185	2.865	ug/L	96

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

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