

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV072419\
 Data File : VV012003.D
 Acq On : 24 Jul 2019 11:34
 Operator : SY/MD
 Sample : K3890-12
 Misc : 25ML/MSVOA V/WATER
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 A52U4

Quant Time: Jul 25 08:25:27 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR072219WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Thu Jul 25 04:12:02 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	136803	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	132666	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	70634	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	28137	3.96	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	79.20%
7) Chloroethane-d5	1.59	69	22416	4.01	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	80.20%
11) 1,1-Dichloroethene-d2	2.13	63	53732	3.80	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	76.00%
20) 2-Butanone-d5	3.97	46	92536	44.52	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	89.04%
24) Chloroform-d	4.40	84	74970	4.02	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	80.40%
26) 1,2-Dichloroethane-d4	5.08	65	44129	4.64	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	92.80%
32) Benzene-d6	5.10	84	159086	4.30	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	86.00%
36) 1,2-Dichloropropane-d6	6.12	67	44167	4.17	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	83.40%
41) Toluene-d8	7.36	98	146489	4.27	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.40%
43) trans-1,3-Dichloropropene-	7.66	79	18026	4.20	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	84.00%
46) 2-Hexanone-d5	8.14	63	76212	44.17	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	88.34%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	31683	4.21	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	84.20%
64) 1,2-Dichlorobenzene-d4	11.67	152	58969	4.33	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	86.60%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
6) Bromomethane	1.54	94	10232	2.071	ug/L	95
12) 1,1-Dichloroethene	2.14	96	14188	2.279	ug/L	# 70
14) Carbon disulfide	2.32	76	148741	8.381	ug/L	100
15) Methyl Acetate	2.47	43	96585	39.490	ug/L	96
16) Methylene chloride	2.54	84	37813	5.416	ug/L	96
17) Methyl tert-butyl Ether	2.81	73	271720	12.790	ug/L	99
21) 2-Butanone	4.05	43	89001	41.412	ug/L	97
22) cis-1,2-Dichloroethene	3.96	96	74349	7.135	ug/L	98
27) 1,2-Dichloroethane	5.18	62	71270	6.197	ug/L	98
30) Cyclohexane	4.72	56	189075	11.787	ug/L	100
33) Benzene	5.15	78	223757	5.734	ug/L	100
34) Trichloroethene	5.96	95	42120	3.887	ug/L	98
35) Methylcyclohexane	6.17	83	387469	22.972	ug/L	97
40) 4-Methyl-2-pentanone	7.28	43	168796	32.201	ug/L	98
42) Toluene	7.43	91	773964	18.477	ug/L	99
47) Tetrachloroethene	8.02	164	48564	5.193	ug/L	97
48) 2-Hexanone	8.19	43	99408	27.033	ug/L	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
50) 1,2-Dibromoethane	8.40	107	13157	2.151	ug/L	99
52) Ethylbenzene	9.05	91	535136	11.192	ug/L	99
53) m,p-xylene	9.18	106	180450	9.915	ug/L	98
62) 1,3-Dichlorobenzene	11.23	146	161818	7.004	ug/L	99

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

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