

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV072419\
 Data File : VV012005.D
 Acq On : 24 Jul 2019 12:34
 Operator : SY/MD
 Sample : K3890-12DL 4X
 Misc : 25ML/MSVOA V/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 A52U4DL

Quant Time: Jul 25 08:25:47 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	139410	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	130764	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.30	152	67580	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	32088	4.43	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	88.60%
7) Chloroethane-d5	1.59	69	28639	5.02	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	100.40%
11) 1,1-Dichloroethene-d2	2.13	63	55893	3.88	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	77.60%
20) 2-Butanone-d5	3.97	46	111988	52.88	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	105.76%
24) Chloroform-d	4.40	84	90506	4.76	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	95.20%
26) 1,2-Dichloroethane-d4	5.08	65	52841	5.45	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	109.00%
32) Benzene-d6	5.10	84	189181	5.19	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.80%
36) 1,2-Dichloropropane-d6	6.12	67	54506	5.22	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	104.40%
41) Toluene-d8	7.36	98	171929	5.08	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	101.60%
43) trans-1,3-Dichloropropene-	7.67	79	21305	5.03	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	100.60%
46) 2-Hexanone-d5	8.14	63	91307	53.68	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	107.36%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	38977	5.25	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	105.00%
64) 1,2-Dichlorobenzene-d4	11.67	152	69486	5.34	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	106.80%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
6) Bromomethane	1.54	94	2408	0.478	ug/L	78
12) 1,1-Dichloroethene	2.14	96	3702	0.583	ug/L	# 1
14) Carbon disulfide	2.32	76	34232	1.893	ug/L	98
15) Methyl Acetate	2.47	43	22427	8.998	ug/L	97
16) Methylene chloride	2.54	84	9703	1.364	ug/L	89
17) Methyl tert-butyl Ether	2.81	73	60825	2.809	ug/L	98
21) 2-Butanone	4.05	43	19658	8.976	ug/L	99
22) cis-1,2-Dichloroethene	3.96	96	16053	1.512	ug/L	92
27) 1,2-Dichloroethane	5.18	62	15994	1.365	ug/L	98
30) Cyclohexane	4.72	56	41103	2.600	ug/L	100
33) Benzene	5.15	78	51164	1.330	ug/L	100
34) Trichloroethene	5.96	95	9690	0.907	ug/L	96
35) Methylcyclohexane	6.18	83	83756	5.038	ug/L	96
40) 4-Methyl-2-pentanone	7.28	43	34213	6.622	ug/L	98
42) Toluene	7.43	91	170595	4.132	ug/L	99
47) Tetrachloroethene	8.02	164	10672	1.158	ug/L	97
48) 2-Hexanone	8.19	43	23351	6.442	ug/L	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
50) 1,2-Dibromoethane	8.40	107	3053	0.506	ug/L #	93
52) Ethylbenzene	9.05	91	114098	2.421	ug/L	99
53) m,p-xylene	9.19	106	37182	2.073	ug/L	95
62) 1,3-Dichlorobenzene	11.22	146	34329	1.553	ug/L	97

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

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