

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV102519\
 Data File : VV013335.D
 Acq On : 25 Oct 2019 00:06
 Operator : SY/MD
 Sample : K5462-20
 Misc : 25.0ML/MSVOA V/WATER
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 H0G24

Manual Integrations
 APPROVED

MMDadoda
 10/26/2019 10:04:20 AM

Quant Time: Oct 25 05:54:26 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR102119WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Fri Oct 25 04:42:43 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	396099	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	430200	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	226039	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	152057	5.21	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	104.20%
7) Chloroethane-d5	1.58	69	127387	5.29	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	105.80%
11) 1,1-Dichloroethene-d2	2.13	63	186352	3.59	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	71.80%
20) 2-Butanone-d5	3.93	46	326227	58.17	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	116.34%
24) Chloroform-d	4.40	84	323404	4.71	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.20%
26) 1,2-Dichloroethane-d4	5.08	65	155193	4.88	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	97.60%
32) Benzene-d6	5.10	84	658130	4.72	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	94.40%
36) 1,2-Dichloropropane-d6	6.12	67	200607	4.79	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	95.80%
41) Toluene-d8	7.36	98	522757	4.05	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	81.00%
43) trans-1,3-Dichloropropene-	7.66	79	56615	3.57	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	71.40%
46) 2-Hexanone-d5	8.13	63	205171	36.30	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	72.60%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	140899	4.66	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	93.20%
64) 1,2-Dichlorobenzene-d4	11.67	152	228810	5.20	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	104.00%

Target Compounds

					Ovalue
5) Vinyl chloride	1.32	62	163010	4.264	ug/L 99
8) Chloroethane	1.60	64	4689	0.206	ug/L 91
17) Methyl tert-butyl Ether	2.79	73	20135514m	279.178	ug/L
18) trans-1,2-Dichloroethene	2.79	96	52057	1.418	ug/L 92
19) 1,1-Dichloroethane	3.23	63	127442	2.136	ug/L 98
22) cis-1,2-Dichloroethene	3.96	96	30101	0.766	ug/L # 91
33) Benzene	5.15	78	128062	0.780	ug/L 100
34) Trichloroethene	5.96	95	5281	0.120	ug/L 84

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

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