

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV102519\
 Data File : VV013336.D
 Acq On : 25 Oct 2019 00:30
 Operator : SY/MD
 Sample : K5462-21
 Misc : 25.0ML/MSVOA V/WATER
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 H0G25

Manual Integrations
 APPROVED

MMDadoda
 10/26/2019 10:04:23 AM

Quant Time: Oct 25 05:59:04 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	400273	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	431809	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	232516	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	137129	4.65	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	93.00%
7) Chloroethane-d5	1.58	69	125933	5.17	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	103.40%
11) 1,1-Dichloroethene-d2	2.13	63	182366	3.47	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	69.40%
20) 2-Butanone-d5	3.94	46	226432	39.95	ug/L	-0.02
Spiked Amount	50.000	Range	40 - 130	Recovery	=	79.90%
24) Chloroform-d	4.40	84	312552	4.50	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	90.00%
26) 1,2-Dichloroethane-d4	5.08	65	155174	4.82	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.40%
32) Benzene-d6	5.10	84	649047	4.64	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	92.80%
36) 1,2-Dichloropropane-d6	6.12	67	197706	4.70	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	94.00%
41) Toluene-d8	7.36	98	518954	4.01	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	80.20%
43) trans-1,3-Dichloropropene-	7.66	79	55028	3.46	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	69.20%
46) 2-Hexanone-d5	8.13	63	183678	32.38	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	64.76%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	137614	4.53	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	90.60%
64) 1,2-Dichlorobenzene-d4	11.67	152	221180	4.89	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	97.80%

Target Compounds

					Ovalue
5) Vinyl chloride	1.32	62	97602	2.527	ug/L 100
17) Methyl tert-butyl Ether	2.80	73	1989437	27.296	ug/L 97
19) 1,1-Dichloroethane	3.23	63	95234	1.579	ug/L 97
22) cis-1,2-Dichloroethene	3.96	96	27325	0.688	ug/L # 90
33) Benzene	5.15	78	49301m	0.299	ug/L

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

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