

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV102519\
 Data File : VV013332.D
 Acq On : 24 Oct 2019 22:55
 Operator : SY/MD
 Sample : K5462-17
 Misc : 25.0ML/MSVOA V/WATER
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 H0G15

Manual Integrations
 APPROVED

MMDadoda
 10/26/2019 10:04:16 AM

Quant Time: Oct 25 05:43:33 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	419843	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	445979	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	238029	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	151626	4.90	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	98.00%
7) Chloroethane-d5	1.58	69	131550	5.15	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	103.00%
11) 1,1-Dichloroethene-d2	2.13	63	182600	3.32	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	66.40%
20) 2-Butanone-d5	3.96	46	391001	65.78	ug/L	0.00
Spiked Amount	50.000	Range	40 - 130	Recovery	=	131.56%#
24) Chloroform-d	4.40	84	325747	4.48	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	89.60%
26) 1,2-Dichloroethane-d4	5.08	65	162957	4.83	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	96.60%
32) Benzene-d6	5.10	84	675995	4.68	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	93.60%
36) 1,2-Dichloropropane-d6	6.12	67	213812	4.92	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	98.40%
41) Toluene-d8	7.36	98	568945	4.26	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	85.20%
43) trans-1,3-Dichloropropene-	7.66	79	61386	3.73	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	74.60%
46) 2-Hexanone-d5	8.13	63	220855	37.69	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	75.38%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	141583	4.51	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	90.20%
64) 1,2-Dichlorobenzene-d4	11.67	152	236340	5.10	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	102.00%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
5) Vinyl chloride	1.32	62	269261	6.646	ug/L	99
8) Chloroethane	1.60	64	3718	0.154	ug/L	92
17) Methyl tert-butyl Ether	2.80	73	6856472	89.688	ug/L	97
18) trans-1,2-Dichloroethene	2.79	96	136326	3.503	ug/L	92
19) 1,1-Dichloroethane	3.23	63	112342	1.776	ug/L	98
22) cis-1,2-Dichloroethene	3.96	96	1289859	30.969	ug/L #	91
33) Benzene	5.15	78	69267m	0.407	ug/L	
34) Trichloroethene	5.96	95	947500	20.735	ug/L	97
47) Tetrachloroethene	8.02	164	29468	0.710	ug/L	93

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

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