

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV120219\
 Data File : VV013874.D
 Acq On : 02 Dec 2019 16:23
 Operator : SY/MD
 Sample : K6028-09
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 H0AA6

Manual Integrations
 APPROVED

apatel
 12/5/2019 8:35:27 AM

Quant Time: Dec 03 04:07:21 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM120219WMA.M
 Quant Title : VOC Analysis
 QLast Update : Tue Dec 03 02:59:26 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	605932	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	571436	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	260370	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	180028	51.37	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	102.74%
7) Chloroethane-d5	1.58	69	200829	54.90	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	109.80%
11) 1,1-Dichloroethene-d2	2.13	63	306284m	39.52	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	79.04%
21) 2-Butanone-d5	3.92	46	278508	112.91	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	112.91%
24) Chloroform-d	4.40	84	387826	52.70	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	105.40%
26) 1,2-Dichloroethane-d4	5.08	65	263605	56.53	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	113.06%
32) Benzene-d6	5.10	84	836613	56.50	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	113.00%
36) 1,2-Dichloropropane-d6	6.11	67	249565	56.15	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	112.30%
41) Toluene-d8	7.36	98	711926	52.74	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	105.48%
43) trans-1,3-Dichloropropene-	7.66	79	112558	52.04	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	104.08%
47) 2-Hexanone-d5	8.13	63	181055	109.09	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	109.09%
57) 1,1,2,2-Tetrachloroethane-	10.25	84	332052	51.59	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	103.18%
64) 1,2-Dichlorobenzene-d4	11.67	152	297009	58.08	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	116.16%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
10) 1,1,2-Trichloro-1,2,2-trif	2.13	101	3431	0.753	ug/L #	43
17) trans-1,2-Dichloroethene	2.79	96	4734	1.099	ug/L	94
20) cis-1,2-Dichloroethene	3.96	96	13894	2.980	ug/L	93
25) Chloroform	4.42	83	15155	1.827	ug/L	97
27) 1,2-Dichloroethane	5.18	62	9905	1.658	ug/L	96
34) Trichloroethene	5.96	95	98420	21.563	ug/L	97
46) Tetrachloroethene	8.02	164	52207	12.676	ug/L	95
68) 1,2,4-trichlorobenzene	13.31	180	3743	0.598	ug/L #	86
70) 1,2,3-Trichlorobenzene	13.79	180	3260	0.498	ug/L	93

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

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