

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV112219\
 Data File : VV013745.D
 Acq On : 22 Nov 2019 19:48
 Operator : SY/MD
 Sample : K5941-18
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 B0AD4

Manual Integrations
 APPROVED

MMDadoda
 11/26/2019 12:53:53 PM

Quant Time: Nov 23 03:20:04 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVTR112219WMA.M
 Quant Title : TRACE VOA SOM01.0
 QLast Update : Sat Nov 23 01:35:18 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.66	114	340772	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	342683	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	160306	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	104754	4.97	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	99.40%
7) Chloroethane-d5	1.58	69	95494	5.33	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	106.60%
11) 1,1-Dichloroethene-d2	2.13	63	226156	6.37	ug/L	0.00
Spiked Amount	5.000	Range	60 - 125	Recovery	=	127.40%#
20) 2-Butanone-d5	3.92	46	259607	59.21	ug/L	-0.03
Spiked Amount	50.000	Range	40 - 130	Recovery	=	118.42%
24) Chloroform-d	4.40	84	220807	5.19	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	103.80%
26) 1,2-Dichloroethane-d4	5.08	65	112204	5.54	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	110.80%
32) Benzene-d6	5.09	84	429025	4.85	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	97.00%
36) 1,2-Dichloropropane-d6	6.11	67	133202	5.06	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	101.20%
41) Toluene-d8	7.36	98	373440	4.50	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.00%
43) trans-1,3-Dichloropropene-	7.66	79	46210	4.51	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	90.20%
46) 2-Hexanone-d5	8.13	63	198597	52.50	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	105.00%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	101595	5.56	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	111.20%
64) 1,2-Dichlorobenzene-d4	11.67	152	159862	5.65	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	113.00%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
5) Vinyl chloride	1.32	62	37900	1.862	ug/L #	1
8) Chloroethane	1.60	64	50259	4.097	ug/L	84
12) 1,1-Dichloroethene	2.14	96	164905	10.065	ug/L #	79
13) Acetone	2.18	43	19632m	6.403	ug/L	
14) Carbon disulfide	2.32	76	8922	0.236	ug/L #	94
15) Methyl Acetate	2.46	43	5499	0.801	ug/L #	87
16) Methylene chloride	2.53	84	6514	0.290	ug/L	85
17) Methyl tert-butyl Ether	2.80	73	69897	1.559	ug/L	97
18) trans-1,2-Dichloroethene	2.79	96	4401	0.238	ug/L	97
19) 1,1-Dichloroethane	3.23	63	505025	13.673	ug/L	98
22) cis-1,2-Dichloroethene	3.96	96	41838	1.928	ug/L	100
29) 1,1,1-Trichloroethane	4.66	97	137900	3.934	ug/L	97
34) Trichloroethene	5.96	95	1112170	47.962	ug/L	97
42) Toluene	7.43	91	37220	0.413	ug/L	96
47) Tetrachloroethene	8.02	164	47639	2.366	ug/L	95
62) 1,3-Dichlorobenzene	11.22	146	4108	0.088	ug/L	96
63) 1,4-Dichlorobenzene	11.32	146	3724	0.079	ug/L	84

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
65) 1,2-Dichlorobenzene	11.69	146	3231	0.075	ug/L	95

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

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