

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV112219\
 Data File : VV013753.D
 Acq On : 22 Nov 2019 23:00
 Operator : SY/MD
 Sample : K5941-20
 Misc : 25.0mL/MSVOA V/WATER
 ALS Vial : 31 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 B0AD8

Manual Integrations
 APPROVED

MMDadoda
 11/26/2019 12:54:16 PM

Quant Time: Nov 23 04:15:21 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	307384	5.00	ug/L	0.00
28) Chlorobenzene-d5	8.89	117	310832	5.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.29	152	143436	5.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.32	65	96492	5.07	ug/L	0.00
Spiked Amount	5.000	Range	40 - 130	Recovery	=	101.40%
7) Chloroethane-d5	1.58	69	88622	5.49	ug/L	0.00
Spiked Amount	5.000	Range	65 - 130	Recovery	=	109.80%
11) 1,1-Dichloroethene-d2	2.14	63	575075	17.96	ug/L	0.02
Spiked Amount	5.000	Range	60 - 125	Recovery	=	359.20%#
20) 2-Butanone-d5	3.92	46	285945	72.30	ug/L	-0.03
Spiked Amount	50.000	Range	40 - 130	Recovery	=	144.60%#
24) Chloroform-d	4.40	84	204259	5.32	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	106.40%
26) 1,2-Dichloroethane-d4	5.08	65	107929	5.91	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	118.20%
32) Benzene-d6	5.10	84	394599	4.92	ug/L	0.00
Spiked Amount	5.000	Range	70 - 125	Recovery	=	98.40%
36) 1,2-Dichloropropane-d6	6.11	67	124395	5.21	ug/L	0.00
Spiked Amount	5.000	Range	60 - 140	Recovery	=	104.20%
41) Toluene-d8	7.36	98	339929	4.52	ug/L	0.00
Spiked Amount	5.000	Range	70 - 130	Recovery	=	90.40%
43) trans-1,3-Dichloropropene-	7.66	79	37112	3.99	ug/L	0.00
Spiked Amount	5.000	Range	55 - 130	Recovery	=	79.80%
46) 2-Hexanone-d5	8.13	63	218867	63.79	ug/L	0.00
Spiked Amount	50.000	Range	45 - 130	Recovery	=	127.58%
57) 1,1,2,2-Tetrachloroethane-	10.26	84	102776	6.20	ug/L	0.00
Spiked Amount	5.000	Range	65 - 120	Recovery	=	124.00%#
64) 1,2-Dichlorobenzene-d4	11.67	152	145051	5.73	ug/L	0.00
Spiked Amount	5.000	Range	80 - 120	Recovery	=	114.60%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
5) Vinyl chloride	1.32	62	294333	16.028	ug/L #	66
8) Chloroethane	1.60	64	90677	8.194	ug/L #	76
12) 1,1-Dichloroethene	2.14	96	865620	58.572	ug/L #	68
13) Acetone	2.18	43	15361m	5.554	ug/L	
14) Carbon disulfide	2.32	76	10190	0.299	ug/L #	88
16) Methylene chloride	2.53	84	4416	0.218	ug/L	97
18) trans-1,2-Dichloroethene	2.79	96	200621	12.021	ug/L	99
19) 1,1-Dichloroethane	3.23	63	359643	10.795	ug/L	99
22) cis-1,2-Dichloroethene	3.96	96	62638	3.201	ug/L	97
27) 1,2-Dichloroethane	5.18	62	52739	2.609	ug/L	98
33) Benzene	5.15	78	7397	0.097	ug/L	100
34) Trichloroethene	5.96	95	214094	10.179	ug/L	97
37) 1,2-Dichloropropane	6.22	63	5199	0.265	ug/L #	95
45) 1,1,2-Trichloroethane	7.88	97	10147	0.727	ug/L	94
63) 1,4-Dichlorobenzene	11.32	146	4070	0.096	ug/L	90
65) 1,2-Dichlorobenzene	11.68	146	5124	0.132	ug/L	92

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

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