

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV121020\
 Data File : VV019541.D
 Acq On : 11 Dec 2020 04:38
 Operator : SY/MD
 Sample : L4955-17
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BG457

Manual Integrations
 APPROVED

MMDadoda
 12/14/2020 9:11:47 AM

Quant Time: Dec 11 05:03:05 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_V\METHOD\SOMVLM121020WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Dec 11 04:38:56 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Difluorobenzene	5.62	114	681401	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.86	117	675109	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.25	152	330909	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	192855	39.47	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	78.94%
7) Chloroethane-d5	1.57	69	166329	43.16	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	86.32%
11) 1,1-Dichloroethene-d2	2.11	63	392007	43.23	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	86.46%
21) 2-Butanone-d5	3.89	46	259008	97.53	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	97.53%
24) Chloroform-d	4.35	84	394823	44.84	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	89.68%
26) 1,2-Dichloroethane-d4	5.04	65	279130	48.50	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	97.00%
32) Benzene-d6	5.06	84	791264	43.95	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	87.90%
36) 1,2-Dichloropropane-d6	6.08	67	246570	43.72	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	87.44%
41) Toluene-d8	7.32	98	726820	44.83	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	89.66%
43) trans-1,3-Dichloropropene-	7.63	79	135272	42.16	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	84.32%
47) 2-Hexanone-d5	8.11	63	173350	78.31	ug/L	0.02
Spiked Amount	100.000	Range	45 - 130	Recovery	=	78.31%
57) 1,1,2,2-Tetrachloroethane-	10.22	84	355673	46.62	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	93.24%
64) 1,2-Dichlorobenzene-d4	11.63	152	283517	45.83	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	91.66%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
5) Vinyl chloride	1.31	62	34600	5.901	ug/L	90
12) 1,1-Dichloroethene	2.12	96	162214	39.960	ug/L #	77
13) Acetone	2.18	43	9083	4.015	ug/L	96
17) trans-1,2-Dichloroethene	2.77	96	5849	1.315	ug/L	99
18) Methyl tert-butyl Ether	2.77	73	312566	20.104	ug/L	99
19) 1,1-Dichloroethane	3.20	63	13861	1.607	ug/L	96
20) cis-1,2-Dichloroethene	3.92	96	248251	50.755	ug/L #	95
33) Benzene	5.11	78	6616683	335.352	ug/L	100
34) Trichloroethene	5.93	95	14869567	2852.911	ug/L	97
42) Toluene	7.40	91	71535	3.440	ug/L	100
46) Tetrachloroethene	7.99	164	65548288m	18174.997	ug/L	
53) m,p-Xylene	9.15	106	14676	1.658	ug/L	90
54) o-xylene	9.55	106	12890	1.486	ug/L	99

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

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