

Data Path : Z:\VOASRV\HPCHEM1\MSVOA V\DATA\VV121020\
 Data File : VV019542.D
 Acq On : 11 Dec 2020 05:02
 Operator : SY/MD
 Sample : L4955-20
 Misc : 5.0mL/MSVOA V/WATER
 ALS Vial : 35 Sample Multiplier: 1

Instrument :
 MSVOA_V
 ClientSampleId :
 BG4L9

Manual Integrations
 APPROVED

MMDadoda
 12/14/2020 9:11:49 AM

Quant Time: Dec 11 05:26:43 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	702107	50.00	ug/L	0.00
28) Chlorobenzene-d5	8.86	117	664027	50.00	ug/L	0.00
60) 1,4-Dichlorobenzene-d4	11.25	152	309789	50.00	ug/L	0.00

System Monitoring Compounds

4) Vinyl Chloride-d3	1.31	65	199698	39.66	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	79.32%
7) Chloroethane-d5	1.57	69	171738	43.25	ug/L	0.00
Spiked Amount	50.000	Range	70 - 130	Recovery	=	86.50%
11) 1,1-Dichloroethene-d2	2.11	63	400654	42.88	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	85.76%
21) 2-Butanone-d5	3.89	46	261013	95.38	ug/L	0.00
Spiked Amount	100.000	Range	40 - 130	Recovery	=	95.38%
24) Chloroform-d	4.35	84	410608	45.25	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	90.50%
26) 1,2-Dichloroethane-d4	5.04	65	286224	48.27	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	96.54%
32) Benzene-d6	5.06	84	817680	46.17	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	92.34%
36) 1,2-Dichloropropane-d6	6.08	67	255184	46.00	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	92.00%
41) Toluene-d8	7.32	98	736736	46.20	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	92.40%
43) trans-1,3-Dichloropropene-	7.63	79	135801	43.04	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	86.08%
47) 2-Hexanone-d5	8.09	63	202343	92.93	ug/L	0.00
Spiked Amount	100.000	Range	45 - 130	Recovery	=	92.93%
57) 1,1,2,2-Tetrachloroethane-	10.22	84	348339	46.42	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	92.84%
64) 1,2-Dichlorobenzene-d4	11.63	152	270602	46.73	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	93.46%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
5) Vinyl chloride	1.31	62	20389	3.375	ug/L #	82
12) 1,1-Dichloroethene	2.12	96	157336m	37.615	ug/L	
13) Acetone	2.18	43	20388	8.745	ug/L	90
14) Carbon disulfide	2.30	76	11437	0.832	ug/L	96
19) 1,1-Dichloroethane	3.20	63	10510	1.182	ug/L	94
20) cis-1,2-Dichloroethene	3.92	96	245211	48.655	ug/L #	98
29) Cyclohexane	4.69	56	7259	0.892	ug/L #	91
33) Benzene	5.11	78	3007132	154.953	ug/L	100
34) Trichloroethene	5.92	95	12155721	2371.149	ug/L	98
42) Toluene	7.40	91	61670	3.015	ug/L	97
46) Tetrachloroethene	7.99	164	31864360m	8982.689	ug/L	
53) m,p-Xylene	9.14	106	14268	1.639	ug/L	100
54) o-xylene	9.55	106	12251	1.436	ug/L	97

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

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