

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL032621\
 Data File : VL036507.D
 Acq On : 26 Mar 2021 10:13
 Operator : SY/AP
 Sample : M1748-37
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 GOI-SG-5(2021)

Manual Integrations
 APPROVED

MMDadoda
 3/29/2021 4:38:27 PM

Quant Time: Mar 27 03:50:32 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL032521AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Thu Mar 27 03:50:32 2021
 QLast Update : Thu Mar 25 09:42:40 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.69	49	1400766	10.00	ppbv	0.02
33) 1,4-Difluorobenzene	7.20	114	3256244	10.00	ppbv	0.02
55) Chlorobenzene-d5	12.11	117	2846257	10.00	ppbv	0.02

System Monitoring Compounds		R.T.	QIon	Response	Conc	Units	Dev(Min)
68) 1-Bromo-4-Fluorobenzene	14.45	95	2267156	9.99	ppbv	0.02	
Spiked Amount	10.000	Range	65 - 135	Recovery	=	99.90%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	3.06	85	34916	0.153	ppbv #	84
3) Chlorodifluoromethane	3.00	51	78339	0.299	ppbv #	87
4) Chloromethane	3.16	50	18110m	0.196	ppbv	
9) Propene	3.03	41	81255	0.974	ppbv #	79
11) Trichlorofluoromethane	3.96	101	52513m	0.226	ppbv	
13) Ethanol	3.62	45	338988	34.119	ppbv	99
15) Acetone	3.87	43	892533	6.474	ppbv	92
17) tert-Butyl alcohol	4.32	59	16415m	0.137	ppbv	
19) Isopropyl Alcohol	4.00	45	47917	0.632	ppbv #	51
20) Methylene Chloride	4.36	84	419443	6.498	ppbv	95
26) Hexane	5.71	57	482396	3.171	ppbv #	47
34) 2-Butanone	5.28	43	72277m	0.455	ppbv	
35) Carbon Tetrachloride	7.04	117	16700m	0.067	ppbv	
36) Benzene	6.91	78	72421	0.241	ppbv #	92
38) Trichloroethene	7.84	130	4226m	0.036	ppbv	
52) Tetrachloroethene	11.25	164	7274m	0.066	ppbv	
53) Toluene	9.83	91	152484	0.477	ppbv	98
59) m/p-Xylene	13.00	91	118164m	0.327	ppbv	
60) o-Xylene	13.71	91	55655m	0.159	ppbv	
69) p-Isopropyltoluene	17.68	119	75037	0.167	ppbv #	88
70) n-Butylbenzene	18.59	91	62987m	0.135	ppbv	
74) 1,2,4-Trimethylbenzene	16.80	105	79078m	0.207	ppbv	

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

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