

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL032621\
 Data File : VL036511.D
 Acq On : 26 Mar 2021 12:55
 Operator : SY/AP
 Sample : M1748-36
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 GOI-SG-4(2021)

Manual Integrations
 APPROVED

MMDadoda
 3/29/2021 4:38:41 PM

Quant Time: Mar 28 20:20:14 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL032521AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Thu Mar 28 20:20:14 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	5.70	49	1589181	10.00	ppbv	0.03
33) 1,4-Difluorobenzene	7.21	114	3536868	10.00	ppbv	0.03
55) Chlorobenzene-d5	12.12	117	3203331	10.00	ppbv	0.03

System Monitoring Compounds		R.T.	QIon	Response	Conc	Units	Dev(Min)
68) 1-Bromo-4-Fluorobenzene	14.45	95	2526738	9.90	ppbv	0.03	
Spiked Amount	10.000	Range	65 - 135	Recovery	=	99.00%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	3.06	85	48675m	0.188	ppbv	
3) Chlorodifluoromethane	3.01	51	142472	0.480	ppbv #	91
4) Chloromethane	3.16	50	41488m	0.396	ppbv	
9) Propene	3.04	41	361267m	3.817	ppbv	
10) Heptane	8.16	43	22997m	0.095	ppbv	
11) Trichlorofluoromethane	3.97	101	94781m	0.359	ppbv	
13) Ethanol	3.65	45	1427187	126.614	ppbv	93
15) Acetone	3.87	43	4624220	29.564	ppbv	97
19) Isopropyl Alcohol	4.01	45	164835m	1.916	ppbv	
20) Methylene Chloride	4.37	84	2256052	30.807	ppbv	93
26) Hexane	5.71	57	2484048	14.395	ppbv #	48
30) Cyclohexane	7.19	84	21561m	0.154	ppbv	
32) 1,1,1-Trichloroethane	6.55	97	10921m	0.039	ppbv	
34) 2-Butanone	5.28	43	168904	0.978	ppbv	99
35) Carbon Tetrachloride	7.05	117	16626m	0.061	ppbv	
36) Benzene	6.92	78	64353m	0.197	ppbv	
38) Trichloroethene	7.87	130	1415520	11.151	ppbv	99
44) 2,2,4-Trimethylpentane	7.90	57	100761	0.176	ppbv #	68
52) Tetrachloroethene	11.26	164	39703m	0.331	ppbv	
53) Toluene	9.84	91	203353m	0.585	ppbv	
59) m/p-Xylene	13.00	91	99189m	0.244	ppbv	
74) 1,2,4-Trimethylbenzene	16.80	105	71905m	0.167	ppbv	

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

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