

Data Path : Z:\voasrv\HPCHEM1\MSVOA L\Data\VL022621\
 Data File : VL036404.D
 Acq On : 26 Feb 2021 16:15
 Operator : SY/AP
 Sample : M1502-03
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SG-6

Manual Integrations
 APPROVED

MMDadoda
 3/1/2021 10:08:31 AM

Quant Time: Feb 28 17:47:40 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL021021AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Feb 10 2021
 QLast Update : Wed Feb 10 16:04:02 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.64	49	1522476	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.14	114	3397382	10.00	ppbv	-0.01
55) Chlorobenzene-d5	12.05	117	3070578	10.00	ppbv	0.00

System Monitoring Compounds		R.T.	QIon	Response	Conc	Units	Dev(Min)
68) 1-Bromo-4-Fluorobenzene		14.38	95	2521096	9.98	ppbv	-0.01
Spiked Amount	10.000	Range	65 - 135	Recovery	=	99.80%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	3.02	85	60052	0.264	ppbv	95
4) Chloromethane	3.12	50	27668	0.303	ppbv	90
9) Propene	2.99	41	120361	1.707	ppbv	84
10) Heptane	8.10	43	59787	0.288	ppbv	90
11) Trichlorofluoromethane	3.92	101	162863m	0.732	ppbv	
13) Ethanol	3.59	45	511082	38.580	ppbv	89
15) Acetone	3.83	43	1817022	9.764	ppbv	98
19) Isopropyl Alcohol	3.96	45	132161m	1.282	ppbv	
20) Methylene Chloride	4.32	84	14716173	245.100	ppbv #	67
26) Hexane	5.66	57	2402974	16.278	ppbv #	37
29) Chloroform	5.72	83	33433m	0.141	ppbv	
30) Cyclohexane	7.12	84	44588m	0.363	ppbv	
34) 2-Butanone	5.22	43	167608m	0.743	ppbv	
35) Carbon Tetrachloride	6.99	117	17455m	0.077	ppbv	
36) Benzene	6.86	78	95034	0.329	ppbv	94
38) Trichloroethene	7.81	130	7235m	0.070	ppbv	
44) 2,2,4-Trimethylpentane	7.84	57	108414m	0.207	ppbv	
52) Tetrachloroethene	11.19	164	29524m	0.279	ppbv	
53) Toluene	9.77	91	855442	2.737	ppbv	100
58) Ethyl Benzene	12.68	91	249804	0.594	ppbv	94
59) m/p-Xylene	12.93	91	910249	2.465	ppbv	95
60) o-Xylene	13.65	91	351399	0.995	ppbv	99
61) Styrene	13.49	104	147463m	0.674	ppbv	
72) 4-Ethyltoluene	15.81	105	108224	0.275	ppbv	95
73) 1,3,5-Trimethylbenzene	15.96	105	87474m	0.230	ppbv	
74) 1,2,4-Trimethylbenzene	16.73	105	315102m	0.810	ppbv	

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

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