

Data Path : Z:\voasrv\HPCHEM1\MSVOA L\Data\VL022621\
 Data File : VL036403.D
 Acq On : 26 Feb 2021 15:35
 Operator : SY/AP
 Sample : M1502-02
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SG-5

Manual Integrations
 APPROVED

MMDadoda
 3/1/2021 10:08:29 AM

Quant Time: Feb 28 17:44:23 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL021021AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Feb 10
 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	1561109	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.14	114	3393898	10.00	ppbv	-0.01
55) Chlorobenzene-d5	12.05	117	3144081	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.38	95	2602235	10.06	ppbv	-0.01
Spiked Amount	10.000	Range	65 - 135	Recovery	=	100.60%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	3.03	85	41153	0.177	ppbv #	86
4) Chloromethane	3.12	50	37233	0.397	ppbv	97
9) Propene	2.99	41	400087	5.532	ppbv	96
10) Heptane	8.09	43	117136m	0.550	ppbv	
11) Trichlorofluoromethane	3.93	101	103066m	0.452	ppbv	
12) 1,1,2-Trichlorotrifluoroet	4.46	101	15239m	0.108	ppbv	
13) Ethanol	3.59	45	543329	39.999	ppbv	88
15) Acetone	3.83	43	2224302	11.656	ppbv	91
17) tert-Butyl alcohol	4.29	59	109767m	0.741	ppbv	
19) Isopropyl Alcohol	3.96	45	245088	2.318	ppbv #	1
20) Methylene Chloride	4.32	84	10013401	162.648	ppbv #	77
22) trans-1,2-Dichloroethene	4.86	96	51985m	0.891	ppbv	
26) Hexane	5.66	57	1307500	8.638	ppbv #	38
27) Carbon Disulfide	4.52	76	59343	0.427	ppbv	94
29) Chloroform	5.72	83	45297m	0.186	ppbv	
30) Cyclohexane	7.10	84	52916m	0.420	ppbv	
34) 2-Butanone	5.22	43	203602	0.903	ppbv #	84
35) Carbon Tetrachloride	6.99	117	20980m	0.092	ppbv	
36) Benzene	6.86	78	358515	1.244	ppbv #	91
38) Trichloroethene	7.80	130	11075m	0.107	ppbv	
44) 2,2,4-Trimethylpentane	7.84	57	191672m	0.366	ppbv	
52) Tetrachloroethene	11.19	164	42133m	0.399	ppbv	
53) Toluene	9.77	91	1636975	5.242	ppbv	99
58) Ethyl Benzene	12.68	91	587060	1.364	ppbv	98
59) m/p-Xylene	12.93	91	1391857	3.681	ppbv	96
60) o-Xylene	13.66	91	571165	1.580	ppbv	100
61) Styrene	13.50	104	528892	2.360	ppbv	98
64) n-propylbenzene	15.53	120	25834m	0.194	ppbv	
65) tert-Butylbenzene	16.72	119	58574m	0.126	ppbv	
72) 4-Ethyltoluene	15.81	105	159602m	0.397	ppbv	
73) 1,3,5-Trimethylbenzene	15.96	105	145729	0.374	ppbv	99
74) 1,2,4-Trimethylbenzene	16.73	105	523075	1.314	ppbv #	70

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

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