

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL052021\
 Data File : VL037037.D
 Acq On : 20 May 2021 23:35
 Operator : SY/AP
 Sample : M2424-08 4X
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 KSV-11

Manual Integrations
 APPROVED

MMDadoda
 5/24/2021 3:27:32 PM

Quant Time: May 22 23:34:45 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL051821AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Tue May 18 2021
 QLast Update : Tue May 18 12:00:15 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.64	49	1131746	10.00	ppbv	-0.01
33) 1,4-Difluorobenzene	7.14	114	3454600	10.00	ppbv	-0.02
55) Chlorobenzene-d5	12.04	117	3108681	10.00	ppbv	-0.02

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.37	95	2346598	10.05	ppbv	-0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	100.50%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
3) Chlorodifluoromethane	2.96	51	20268	0.098	ppbv	94
4) Chloromethane	3.11	50	14502m	0.206	ppbv	
9) Propene	3.00	41	2820913m	37.995	ppbv	
10) Heptane	8.09	43	6284619	33.966	ppbv	98
11) Trichlorofluoromethane	3.92	101	21727m	0.122	ppbv	
13) Ethanol	3.58	45	353836m	35.719	ppbv	
15) Acetone	3.82	43	10305869m	88.904	ppbv	
17) tert-Butyl alcohol	4.27	59	201301	1.896	ppbv #	72
19) Isopropyl Alcohol	3.95	45	239382	3.842	ppbv #	30
20) Methylene Chloride	4.32	84	1185660	19.081	ppbv	98
26) Hexane	5.66	57	9635368	67.711	ppbv #	46
27) Carbon Disulfide	4.52	76	244399	1.704	ppbv	97
30) Cyclohexane	7.09	84	85559m	0.708	ppbv	
34) 2-Butanone	5.21	43	1186807	9.435	ppbv	97
36) Benzene	6.85	78	1326128	4.457	ppbv	99
38) Trichloroethene	7.79	130	9680m	0.076	ppbv	
52) Tetrachloroethene	11.19	164	6823m	0.058	ppbv	
53) Toluene	9.76	91	562464	1.589	ppbv	97
58) Ethyl Benzene	12.66	91	61495m	0.140	ppbv	
59) m/p-Xylene	12.92	91	116548m	0.321	ppbv	
60) o-Xylene	13.65	91	44867m	0.130	ppbv	
61) Styrene	13.48	104	23618m	0.121	ppbv	
72) 4-Ethyltoluene	15.79	105	42818m	0.104	ppbv	
73) 1,3,5-Trimethylbenzene	15.96	105	53139m	0.138	ppbv	
74) 1,2,4-Trimethylbenzene	16.72	105	147828	0.371	ppbv #	71

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

