

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL012422\
 Data File : VL038276.D
 Acq On : 25 Jan 2022 1:40
 Operator : SY/AP
 Sample : N1244-03
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA L
 ClientSampleId :
 SG-3

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 01/25/2022
 Supervised By : Mahesh Dadoda 01/26/2022

Quant Time: Jan 25 03:14:16 2022
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL012422A
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument:
 QLast Update : Mon Jan 24 14:12:48 2022
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.68	49	805043	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.19	114	2078019	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.10	117	1844055	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.42	95	1396189	9.98	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	99.80%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	3.07	85	68178	0.398	ppbv	89
3) Chlorodifluoromethane	3.01	51	32732m	0.204	ppbv	
4) Chloromethane	3.16	50	26917	0.488	ppbv	93
5) Vinyl Chloride	3.28	62	16076	0.292	ppbv	91
9) Propene	3.03	41	2045390m	39.206	ppbv	
10) Heptane	8.13	43	169128m	1.260	ppbv	
11) Trichlorofluoromethane	3.97	101	194209	1.455	ppbv	98
13) Ethanol	3.62	45	253004	45.174	ppbv	97
15) Acetone	3.86	43	1085944m	15.302	ppbv	
19) Isopropyl Alcohol	3.99	45	30171m	0.680	ppbv	
20) Methylene Chloride	4.36	84	75787	1.836	ppbv	98
26) Hexane	5.70	57	264669	2.864	ppbv #	44
27) Carbon Disulfide	4.56	76	89289	0.826	ppbv #	92
30) Cyclohexane	7.15	84	52156	0.648	ppbv	85
31) cis-1,2-Dichloroethene	5.56	61	10081m	0.125	ppbv	
34) 2-Butanone	5.26	43	106084	1.561	ppbv	94
35) Carbon Tetrachloride	7.03	117	8262m	0.057	ppbv	
36) Benzene	6.90	78	86350	0.470	ppbv #	93
38) Trichloroethene	7.85	130	8357m	0.122	ppbv	
44) 2,2,4-Trimethylpentane	7.88	57	267193	0.825	ppbv #	82
51) 2-Hexanone	10.16	43	37597m	0.704	ppbv	
52) Tetrachloroethene	11.23	164	657273	10.375	ppbv	98
53) Toluene	9.82	91	1268576	6.235	ppbv	99
58) Ethyl Benzene	12.72	91	87855	0.324	ppbv	97
59) m/p-Xylene	12.98	91	248850m	1.076	ppbv	
60) o-Xylene	13.70	91	84675	0.394	ppbv	98
72) 4-Ethyltoluene	15.85	105	23871m	0.106	ppbv	
74) 1,2,4-Trimethylbenzene	16.77	105	50923m	0.239	ppbv	

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

