

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL112921\
 Data File : VL038139.D
 Acq On : 29 Nov 2021 17:36
 Operator : SY/AP
 Sample : M4827-02
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA L
 ClientSampleId :
 IA-2

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 11/30/2021
 Supervised By : Mahesh Dadoda 12/01/2021

Quant Time: Nov 30 06:29:53 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL111821A
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument:
 QLast Update : Thu Nov 18 13:16:09 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.67	49	935697	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.18	114	2563392	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.10	117	2169083	10.00	ppbv	0.02

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.42	95	1740768	11.13	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	111.30%

Target Compounds

					Ovalue	
2) Dichlorodifluoromethane	3.06	85	31182	0.202	ppbv	95
3) Chlorodifluoromethane	3.01	51	62003	0.316	ppbv #	92
4) Chloromethane	3.15	50	30502	0.456	ppbv	100
7) Chloroethane	3.57	64	13900	0.597	ppbv	88
9) Propene	3.03	41	330760m	4.571	ppbv	
10) Heptane	8.12	43	36755m	0.205	ppbv	
11) Trichlorofluoromethane	3.96	101	32561m	0.222	ppbv	
13) Ethanol	3.61	45	629221	89.973	ppbv	92
15) Acetone	3.86	43	394687	4.865	ppbv	95
16) 1,3-Butadiene	3.34	39	28014m	0.443	ppbv	
19) Isopropyl Alcohol	3.98	45	216030	3.685	ppbv #	96
20) Methylene Chloride	4.35	84	980387	21.575	ppbv	99
26) Hexane	5.69	57	514773	3.961	ppbv #	45
29) Chloroform	5.75	83	284700	1.486	ppbv	97
31) cis-1,2-Dichloroethene	5.55	61	15561m	0.126	ppbv	
34) 2-Butanone	5.26	43	25323m	0.245	ppbv	
35) Carbon Tetrachloride	7.02	117	11598m	0.064	ppbv	
36) Benzene	6.89	78	2892206	11.311	ppbv	99
38) Trichloroethene	7.84	130	14938	0.155	ppbv #	76
42) Bromodichloromethane	7.79	83	21867m	0.116	ppbv	
52) Tetrachloroethene	11.30	164	32446212	342.933	ppbv	87
53) Toluene	9.81	91	118330	0.402	ppbv	99
58) Ethyl Benzene	12.72	91	49128m	0.137	ppbv	
59) m/p-Xylene	12.98	91	150987m	0.500	ppbv	
60) o-Xylene	13.69	91	62002	0.221	ppbv	99
72) 4-Ethyltoluene	15.85	105	52902m	0.163	ppbv	
73) 1,3,5-Trimethylbenzene	16.00	105	41812	0.141	ppbv #	84
74) 1,2,4-Trimethylbenzene	16.76	105	121901	0.399	ppbv #	64
79) Naphthalene	22.19	128	231508	1.439	ppbv	98

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

