

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL051322\
 Data File : VL039051.D
 Acq On : 14 May 2022 00:32
 Operator : SY/AP
 Sample : N2828-02
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA L
 ClientSampleId :
 IA2

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 05/16/2022
 Supervised By : Mahesh Dadoda 05/17/2022

Quant Time: May 14 03:52:15 2022
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL050522A
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument:
 QLast Update : Thu May 05 10:12:15 2022
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.65	49	886662	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.16	114	2155005	10.00	ppbv	-0.02
55) Chlorobenzene-d5	12.06	117	1803167	10.00	ppbv	-0.02

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.39	95	1450470	10.16	ppbv	-0.01
Spiked Amount	10.000	Range	65 - 135	Recovery	=	101.60%

Target Compounds

						Ovalue
2) Dichlorodifluoromethane	3.04	85	46898	0.338	ppbv	94
3) Chlorodifluoromethane	2.98	51	167739m	1.525	ppbv	
4) Chloromethane	3.13	50	37629m	0.683	ppbv	
9) Propene	3.02	41	521539m	10.855	ppbv	
10) Heptane	8.10	43	34994	0.297	ppbv	90
11) Trichlorofluoromethane	3.94	101	30564m	0.256	ppbv	
13) Ethanol	3.59	45	3255451	957.415	ppbv	91
15) Acetone	3.84	43	446259	5.336	ppbv #	82
17) tert-Butyl alcohol	4.30	59	9040m	0.141	ppbv	
19) Isopropyl Alcohol	3.95	45	1100473	27.673	ppbv	100
20) Methylene Chloride	4.33	84	132065	4.189	ppbv	95
25) Ethyl Acetate	5.67	43	286910	1.433	ppbv #	97
29) Chloroform	5.74	83	144924	1.007	ppbv	95
30) Cyclohexane	7.11	84	17092m	0.230	ppbv	
34) 2-Butanone	5.23	43	40886	0.372	ppbv #	91
35) Carbon Tetrachloride	7.00	117	8570m	0.060	ppbv	
36) Benzene	6.87	78	68577	0.372	ppbv	96
44) 2,2,4-Trimethylpentane	7.84	57	157433m	0.486	ppbv	
52) Tetrachloroethene	11.20	164	47701m	0.724	ppbv	
53) Toluene	9.79	91	281294	1.361	ppbv	98
58) Ethyl Benzene	12.69	91	49255m	0.190	ppbv	
59) m/p-Xylene	12.95	91	147174m	0.664	ppbv	
60) o-Xylene	13.67	91	59423m	0.285	ppbv	
72) 4-Ethyltoluene	15.82	105	26444m	0.111	ppbv	
73) 1,3,5-Trimethylbenzene	15.98	105	22705m	0.106	ppbv	
74) 1,2,4-Trimethylbenzene	16.73	105	95392m	0.407	ppbv	

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

