

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL050922\
 Data File : VL039009.D
 Acq On : 10 May 2022 5:40
 Operator : SY/AP
 Sample : N2696-05
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA L
 ClientSampleId :
 IA1

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 05/10/2022
 Supervised By : Mahesh Dadoda 05/11/2022

Quant Time: May 11 11:26:56 2022
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL050522A
 Quant Title : AIR ANALYSIS BY METHOD T0-15 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	1015924	10.00	ppbv	-0.02
33) 1,4-Difluorobenzene	7.15	114	2982211	10.00	ppbv	-0.02
55) Chlorobenzene-d5	12.05	117	2643568	10.00	ppbv	-0.03

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.38	95	1939903	9.27	ppbv	-0.03
Spiked Amount	10.000	Range	65 - 135	Recovery	=	92.70%

Target Compounds

	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	3.04	85	92731	0.583	ppbv	98
3) Chlorodifluoromethane	2.98	51	52603m	0.417	ppbv	
4) Chloromethane	3.13	50	34012	0.539	ppbv #	86
9) Propene	3.00	41	264037	4.796	ppbv	90
10) Heptane	8.09	43	274761	2.034	ppbv	95
11) Trichlorofluoromethane	3.93	101	26564	0.194	ppbv #	71
13) Ethanol	3.59	45	629269	161.518	ppbv	88
15) Acetone	3.83	43	557405	5.816	ppbv #	59
17) tert-Butyl alcohol	4.29	59	66410m	0.902	ppbv	
19) Isopropyl Alcohol	3.95	45	127522m	2.799	ppbv	
20) Methylene Chloride	4.33	84	206345	5.713	ppbv	93
26) Hexane	5.66	57	819555	8.042	ppbv #	39
30) Cyclohexane	7.10	84	137004	1.606	ppbv	84
32) 1,1,1-Trichloroethane	6.49	97	35024m	0.212	ppbv	
34) 2-Butanone	5.22	43	112033	0.736	ppbv #	90
35) Carbon Tetrachloride	6.98	117	8760m	0.045	ppbv	
36) Benzene	6.86	78	763908	2.993	ppbv	97
44) 2,2,4-Trimethylpentane	7.84	57	1138067	2.541	ppbv #	94
50) 4-Methyl-2-Pentanone	8.73	43	63024	0.236	ppbv	90
52) Tetrachloroethene	11.19	164	148096	1.624	ppbv	96
53) Toluene	9.77	91	2140085	7.482	ppbv	97
58) Ethyl Benzene	12.67	91	479736	1.261	ppbv	97
59) m/p-Xylene	12.93	91	1413595	4.352	ppbv	92
60) o-Xylene	13.65	91	568763	1.861	ppbv	97
61) Styrene	13.49	104	39511m	0.242	ppbv	
65) tert-Butylbenzene	16.73	119	81211m	0.207	ppbv	
70) n-Butylbenzene	18.52	91	69751m	0.145	ppbv	
72) 4-Ethyltoluene	15.80	105	215227	0.618	ppbv	94
73) 1,3,5-Trimethylbenzene	15.96	105	178634	0.570	ppbv	98
74) 1,2,4-Trimethylbenzene	16.72	105	720164	2.097	ppbv #	65
79) Naphthalene	22.15	128	225956m	0.810	ppbv	

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

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