

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL050922\
 Data File : VL039003.D
 Acq On : 10 May 2022 1:41
 Operator : SY/AP
 Sample : N2696-02
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA L
 ClientSampleId :
 SV2

Manual Integrations
 APPROVED

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

Quant Time: May 11 11:08:09 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	1120767	10.00	ppbv	-0.01
33) 1,4-Difluorobenzene	7.15	114	3094482	10.00	ppbv	-0.02
55) Chlorobenzene-d5	12.05	117	2806203	10.00	ppbv	-0.02

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.38	95	2092944	9.42	ppbv	-0.03
Spiked Amount	10.000	Range	65 - 135	Recovery	=	94.20%

Target Compounds

						Ovalue
2) Dichlorodifluoromethane	3.03	85	82229	0.468	ppbv	92
9) Propene	3.00	41	2330156	38.367	ppbv	95
10) Heptane	8.10	43	272046	1.826	ppbv	96
11) Trichlorofluoromethane	3.94	101	31399m	0.208	ppbv	
13) Ethanol	3.59	45	2421392	563.374	ppbv	87
15) Acetone	3.84	43	4496164	42.528	ppbv	95
17) tert-Butyl alcohol	4.28	59	686956	8.454	ppbv	98
19) Isopropyl Alcohol	3.95	45	474267	9.435	ppbv #	1
20) Methylene Chloride	4.34	84	206770	5.189	ppbv	96
25) Ethyl Acetate	5.66	43	900321	3.558	ppbv	98
27) Carbon Disulfide	4.54	76	190507	1.784	ppbv #	93
28) Methyl tert-Butyl Ether	5.03	73	28476	0.333	ppbv #	52
29) Chloroform	5.74	83	27427	0.151	ppbv	95
30) Cyclohexane	7.11	84	102993	1.094	ppbv	88
32) 1,1,1-Trichloroethane	6.49	97	9830645	54.050	ppbv	97
34) 2-Butanone	5.22	43	2505985	15.874	ppbv	98
35) Carbon Tetrachloride	7.00	117	8563m	0.042	ppbv	
36) Benzene	6.87	78	483951	1.827	ppbv	97
40) 1,4-Dioxane	7.81	88	67533	1.825	ppbv #	49
41) Tetrahydrofuran	6.02	42	1220256	11.500	ppbv	99
43) Methyl Methacrylate	7.99	69	84816	0.789	ppbv	84
44) 2,2,4-Trimethylpentane	7.84	57	587045	1.263	ppbv #	87
50) 4-Methyl-2-Pentanone	8.71	43	864381	3.122	ppbv	96
51) 2-Hexanone	10.10	43	250102	1.238	ppbv #	92
52) Tetrachloroethene	11.19	164	1864922	19.707	ppbv	97
53) Toluene	9.77	91	2219231	7.477	ppbv	99
58) Ethyl Benzene	12.68	91	2234373	5.533	ppbv	98
59) m/p-Xylene	12.93	91	7653672	22.200	ppbv	90
60) o-Xylene	13.66	91	4070818	12.545	ppbv	96
61) Styrene	13.49	104	64105	0.370	ppbv	94
62) Isopropylbenzene	14.63	105	459595m	0.969	ppbv	
64) n-propylbenzene	15.53	120	316953	2.763	ppbv	86
67) sec-Butylbenzene	17.26	105	303130m	0.510	ppbv	
69) p-Isopropyltoluene	17.61	119	193928	0.404	ppbv	99
70) n-Butylbenzene	18.52	91	201631m	0.395	ppbv	
72) 4-Ethyltoluene	15.81	105	1494678	4.042	ppbv #	96
73) 1,3,5-Trimethylbenzene	15.96	105	1778585	5.343	ppbv	95
74) 1,2,4-Trimethylbenzene	16.73	105	3734319	10.246	ppbv #	68

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

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