

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL050922\
 Data File : VL039005.D
 Acq On : 10 May 2022 3:01
 Operator : SY/AP
 Sample : N2696-03
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA L
 ClientSampleId :
 SV3

Manual Integrations
 APPROVED

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

Quant Time: May 11 11:19:09 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	1097045	10.00	ppbv	-0.02
33) 1,4-Difluorobenzene	7.15	114	3115303	10.00	ppbv	-0.02
55) Chlorobenzene-d5	12.05	117	2794699	10.00	ppbv	-0.02

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.38	95	2138146	9.66	ppbv	-0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	96.60%

Target Compounds

	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	3.04	85	92031	0.535	ppbv	100
4) Chloromethane	3.13	50	60384m	0.886	ppbv	
9) Propene	3.00	41	4039108	67.943	ppbv	87
10) Heptane	8.10	43	990904	6.794	ppbv	100
11) Trichlorofluoromethane	3.94	101	23613m	0.160	ppbv	
13) Ethanol	3.59	45	2931552	696.820	ppbv	86
15) Acetone	3.83	43	4052080	39.157	ppbv #	78
17) tert-Butyl alcohol	4.28	59	3296693	41.449	ppbv	98
19) Isopropyl Alcohol	3.95	45	740412	15.048	ppbv #	1
20) Methylene Chloride	4.33	84	88805	2.277	ppbv #	92
26) Hexane	5.67	57	1220728	11.092	ppbv #	56
27) Carbon Disulfide	4.54	76	520106	4.975	ppbv	99
28) Methyl tert-Butyl Ether	5.02	73	54574	0.652	ppbv #	52
29) Chloroform	5.74	83	264989	1.488	ppbv	95
30) Cyclohexane	7.11	84	361857	3.927	ppbv	96
32) 1,1,1-Trichloroethane	6.50	97	8113m	0.046	ppbv	
34) 2-Butanone	5.22	43	2471354	15.550	ppbv	97
35) Carbon Tetrachloride	7.00	117	7254m	0.035	ppbv	
36) Benzene	6.87	78	762503	2.860	ppbv	94
41) Tetrahydrofuran	6.02	42	1501389	14.055	ppbv	99
44) 2,2,4-Trimethylpentane	7.84	57	4570676	9.770	ppbv #	90
50) 4-Methyl-2-Pentanone	8.71	43	1038300	3.726	ppbv	96
52) Tetrachloroethene	11.20	164	6478139	67.997	ppbv	93
53) Toluene	9.78	91	3788597	12.679	ppbv	99
58) Ethyl Benzene	12.68	91	2810559	6.988	ppbv	99
59) m/p-Xylene	12.94	91	7860825	22.895	ppbv	90
60) o-Xylene	13.66	91	4024211	12.453	ppbv	96
61) Styrene	13.50	104	35659	0.207	ppbv	94
62) Isopropylbenzene	14.63	105	427831	0.905	ppbv	99
64) n-propylbenzene	15.53	120	191014	1.672	ppbv	93
67) sec-Butylbenzene	17.26	105	172011	0.291	ppbv	98
69) p-Isopropyltoluene	17.62	119	103050m	0.216	ppbv	
70) n-Butylbenzene	18.52	91	71477m	0.141	ppbv	
72) 4-Ethyltoluene	15.81	105	675037	1.833	ppbv #	95
73) 1,3,5-Trimethylbenzene	15.96	105	596015	1.798	ppbv	97
74) 1,2,4-Trimethylbenzene	16.73	105	1085399	2.990	ppbv #	67

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

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