

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL052322\
 Data File : VL039100.D
 Acq On : 24 May 2022 1:44
 Operator : SY/AP
 Sample : N2957-01
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VP-1

Quant Time: May 24 06:05:12 2022
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL050522AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Thu May 26 13:04:05 2022
 QLast Update : Thu May 05 10:12:15 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : Semsettin Yesilyurt 05/25/2022
 Supervised By : Mahesh Dadoda 05/26/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Bromochloromethane	5.648	49	1218514	10.000	ppbv	-0.02
33) 1,4-Difluorobenzene	7.156	114	3227674	10.000	ppbv	-0.02
55) Chlorobenzene-d5	12.060	117	2778767	10.000	ppbv	-0.02

System Monitoring Compounds
 68) 1-Bromo-4-Fluorobenzene 14.384 95 2215397 10.067 ppbv -0.02
 Spiked Amount 10.000 Range 65 - 135 Recovery = 100.700%

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) Dichlorodifluoromethane	3.044	85	204883	1.073	ppbv	96
3) Chlorodifluoromethane	2.983	51	71131m	0.470	ppbv	
4) Chloromethane	3.137	50	35236	0.465	ppbv #	85
9) Propene	3.009	41	432220	6.546	ppbv	85
10) Heptane	8.102	43	277659	1.714	ppbv	93
11) Trichlorofluoromethane	3.938	101	38634	0.236	ppbv	97
13) Ethanol	3.587	45	210839	45.120	ppbv	90
15) Acetone	3.835	43	4452055	38.733	ppbv	94
17) tert-Butyl alcohol	4.285	59	57405	0.650	ppbv #	88
19) Isopropyl Alcohol	3.960	45	94046	1.721	ppbv #	95
20) Methylene Chloride	4.333	84	636467	14.692	ppbv	96
26) Hexane	5.671	57	869044	7.109	ppbv #	38
27) Carbon Disulfide	4.539	76	195587	1.684	ppbv	97
29) Chloroform	5.735	83	793305	4.011	ppbv	96
30) Cyclohexane	7.115	84	88177	0.862	ppbv	86
34) 2-Butanone	5.227	43	1016907	6.176	ppbv	96
35) Carbon Tetrachloride	6.999	117	8844m	0.042	ppbv	
36) Benzene	6.873	78	482135	1.745	ppbv	96
38) Trichloroethene	7.812	130	91357	0.744	ppbv	95
41) Tetrahydrofuran	6.037	42	97699	0.883	ppbv	95
43) Methyl Methacrylate	7.992	69	74837m	0.667	ppbv	
44) 2,2,4-Trimethylpentane	7.845	57	392570	0.810	ppbv #	83
50) 4-Methyl-2-Pentanone	8.729	43	230223	0.797	ppbv	93
51) 2-Hexanone	10.108	43	184754m	0.877	ppbv	
52) Tetrachloroethene	11.201	164	895579	9.073	ppbv	94
53) Toluene	9.783	91	2400852	7.755	ppbv	99
57) Chlorobenzene	12.118	112	243376	1.168	ppbv #	87
58) Ethyl Benzene	12.687	91	699418	1.749	ppbv	97
59) m/p-Xylene	12.941	91	2007147	5.879	ppbv	93
60) o-Xylene	13.661	91	857859	2.670	ppbv	97
61) Styrene	13.494	104	18092m	0.105	ppbv	
62) Isopropylbenzene	14.642	105	74233m	0.158	ppbv	
64) n-propylbenzene	15.529	120	49211	0.433	ppbv	75
70) n-Butylbenzene	18.526	91	150491m	0.298	ppbv	
72) 4-Ethyltoluene	15.809	105	404964	1.106	ppbv	98
73) 1,3,5-Trimethylbenzene	15.970	105	416945m	1.265	ppbv	
74) 1,2,4-Trimethylbenzene	16.735	105	1394642	3.864	ppbv #	65
79) Naphthalene	22.162	128	188534m	0.643	ppbv	
80) Naphthalene,2-methyl-	24.950	142	36046m	0.406	ppbv	

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

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