

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL040722\
 Data File : VL038854.D
 Acq On : 7 Apr 2022 23:29
 Operator : SY/AP
 Sample : N2273-06
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA L
 ClientSampleId :
 1160-1-SG-3

Manual Integrations
 APPROVED

Quant Time: Apr 08 09:33:21 2022

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL040522A

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument:

QLast Update : Wed Apr 06 06:12:53 2022

Response via : Initial Calibration

Reviewed By : Semsettin Yesilyurt 04/09/2022
 Supervised By : Mahesh Dadoda 04/11/2022

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.71	49	1264457	10.00	ppbv	0.05
33) 1,4-Difluorobenzene	7.22	114	3073646	10.00	ppbv	0.05
55) Chlorobenzene-d5	12.12	117	2746149	10.00	ppbv	0.04

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.45	95	2134070	10.24	ppbv	0.04
Spiked Amount	10.000	Range	65 - 135	Recovery	=	102.40%

Target Compounds

						Ovalue
2) Dichlorodifluoromethane	3.08	85	27370	0.153	ppbv	99
3) Chlorodifluoromethane	3.01	51	52226m	0.338	ppbv	
4) Chloromethane	3.16	50	33175	0.415	ppbv	95
9) Propene	3.05	41	7995851m	97.933	ppbv	
10) Heptane	8.16	43	1416590	6.888	ppbv	98
11) Trichlorofluoromethane	3.98	101	38637	0.268	ppbv	86
13) Ethanol	3.64	45	2172358	437.824	ppbv #	100
15) Acetone	3.89	43	50586371m	401.836	ppbv	
17) tert-Butyl alcohol	4.33	59	21680m	0.192	ppbv	
19) Isopropyl Alcohol	4.00	45	1993753	30.987	ppbv #	100
20) Methylene Chloride	4.39	84	67348	1.475	ppbv #	80
26) Hexane	5.72	57	356895	2.455	ppbv #	78
30) Cyclohexane	7.16	84	237682	1.855	ppbv	90
34) 2-Butanone	5.28	43	522098	4.299	ppbv	100
35) Carbon Tetrachloride	7.07	117	12212m	0.066	ppbv	
36) Benzene	6.93	78	282544	1.010	ppbv	96
44) 2,2,4-Trimethylpentane	7.90	57	1519830	3.210	ppbv #	59
50) 4-Methyl-2-Pentanone	8.77	43	1875259	6.864	ppbv	98
52) Tetrachloroethene	11.27	164	122866	1.258	ppbv	93
53) Toluene	9.85	91	1850471	5.733	ppbv	100
58) Ethyl Benzene	12.75	91	4401855	10.727	ppbv	94
59) m/p-Xylene	13.00	91	12476835	36.191	ppbv	95
60) o-Xylene	13.73	91	4724612	14.646	ppbv	96
61) Styrene	13.56	104	139863	0.712	ppbv	93
62) Isopropylbenzene	14.70	105	228486	0.472	ppbv	97
64) n-propylbenzene	15.59	120	214199	1.704	ppbv	72
65) tert-Butylbenzene	16.80	119	378959	0.882	ppbv #	62
67) sec-Butylbenzene	17.32	105	78846	0.131	ppbv	99
72) 4-Ethyltoluene	15.87	105	1463842	3.800	ppbv	99
73) 1,3,5-Trimethylbenzene	16.03	105	1179385	3.408	ppbv	92
74) 1,2,4-Trimethylbenzene	16.80	105	3530699	9.652	ppbv #	70
79) Naphthalene	22.24	128	37867m	0.138	ppbv	

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

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