

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL041422\
 Data File : VL038926.D
 Acq On : 14 Apr 2022 20:43
 Operator : SY/AP
 Sample : N2259-01
 Misc : 400mL/MSVOA L
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA L
 ClientSampleId :
 1165-19-SG-1

Manual Integrations
 APPROVED

Quant Time: Apr 15 10:08:17 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 04/15/2022
 Supervised By : Mahesh Dadoda 04/18/2022

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.67	49	1003027	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.18	114	2233308	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.09	117	2014796	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.42	95	1772925	11.60	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	116.00%

Target Compounds

	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	3.05	85	112943	0.794	ppbv	99
3) Chlorodifluoromethane	2.97	51	1012700	8.273	ppbv #	63
4) Chloromethane	3.15	50	33623	0.530	ppbv	90
9) Propene	3.03	41	132312m	2.043	ppbv	
10) Heptane	8.13	43	1073793	6.582	ppbv	96
11) Trichlorofluoromethane	3.95	101	352751	3.086	ppbv	95
13) Ethanol	3.60	45	549113	139.515	ppbv #	100
15) Acetone	3.85	43	16895142	169.188	ppbv #	88
19) Isopropyl Alcohol	3.97	45	306802	6.011	ppbv #	100
20) Methylene Chloride	4.35	84	420008	11.597	ppbv	95
25) Ethyl Acetate	5.69	43	324041	1.279	ppbv #	89
26) Hexane	5.69	57	297408	2.579	ppbv #	54
30) Cyclohexane	7.14	84	39304m	0.387	ppbv	
34) 2-Butanone	5.25	43	125535	1.423	ppbv	94
35) Carbon Tetrachloride	7.03	117	11492m	0.086	ppbv	
36) Benzene	6.90	78	112681	0.555	ppbv #	90
44) 2,2,4-Trimethylpentane	7.87	57	105243	0.306	ppbv #	1
50) 4-Methyl-2-Pentanone	8.75	43	185033	0.932	ppbv	99
52) Tetrachloroethene	11.22	164	6437m	0.091	ppbv	
53) Toluene	9.81	91	8225386	35.071	ppbv	98
58) Ethyl Benzene	12.71	91	305845m	1.016	ppbv	
59) m/p-Xylene	12.96	91	866498	3.426	ppbv	96
60) o-Xylene	13.69	91	354847m	1.499	ppbv	
61) Styrene	13.53	104	19564m	0.136	ppbv	
62) Isopropylbenzene	14.67	105	43775m	0.123	ppbv	
64) n-propylbenzene	15.57	120	34448m	0.373	ppbv	
65) tert-Butylbenzene	16.76	119	65195m	0.207	ppbv	
67) sec-Butylbenzene	17.30	105	48074	0.109	ppbv	99
70) n-Butylbenzene	18.55	91	123411m	0.337	ppbv	
72) 4-Ethyltoluene	15.84	105	202317m	0.716	ppbv	
73) 1,3,5-Trimethylbenzene	15.99	105	177246m	0.698	ppbv	
74) 1,2,4-Trimethylbenzene	16.76	105	613164	2.285	ppbv #	67
79) Naphthalene	22.20	128	36552m	0.182	ppbv	

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

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