

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL061422\
 Data File : VL039283.D
 Acq On : 14 Jun 2022 16:44
 Operator : SY/AP
 Sample : N3330-02
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 OTC-SG-2

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 06/16/2022
 Supervised By : Mahesh Dadoda 06/16/2022

Quant Time: Jun 15 03:19:43 2022

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL053122AIR.M

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Wed Jun 15 03:19:43 2022

QLast Update : Wed Jun 01 01:22:18 2022

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Bromochloromethane	5.674	49	1083020	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	7.179	114	2945093	10.000	ppbv	0.00
55) Chlorobenzene-d5	12.095	117	2777607	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.420	95	2252331	9.808	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	98.100%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	3.057	85	41895	0.220	ppbv	89
3) Chlorodifluoromethane	2.996	51	6913149	50.168	ppbv	96
4) Chloromethane	3.147	50	23441	0.331	ppbv	95
7) Chloroethane	3.568	64	3507m	0.152	ppbv	
9) Propene	3.021	41	120897	2.012	ppbv	90
10) Heptane	8.127	43	43657	0.311	ppbv	99
11) Trichlorofluoromethane	3.957	101	41660	0.242	ppbv	100
13) Ethanol	3.613	45	5106807	1558.446	ppbv #	100
15) Acetone	3.851	43	2479473	21.978	ppbv	97
17) tert-Butyl alcohol	4.311	59	179269	2.049	ppbv	100
19) Isopropyl Alcohol	3.976	45	464356	8.776	ppbv #	1
20) Methylene Chloride	4.349	84	1286837	27.067	ppbv	93
26) Hexane	5.693	57	1127199	10.088	ppbv #	78
29) Chloroform	5.754	83	184860	0.983	ppbv	90
30) Cyclohexane	7.156	84	20779m	0.221	ppbv	
31) cis-1,2-Dichloroethene	5.552	61	54461m	0.478	ppbv	
32) 1,1,1-Trichloroethane	6.510	97	6329m	0.034	ppbv	
34) 2-Butanone	5.250	43	423374	2.646	ppbv	99
35) Carbon Tetrachloride	7.028	117	15384m	0.072	ppbv	
36) Benzene	6.896	78	1201073	5.023	ppbv	98
38) Trichloroethene	7.841	130	340943	3.104	ppbv	92
50) 4-Methyl-2-Pentanone	8.751	43	132531m	0.553	ppbv	
51) 2-Hexanone	10.153	43	65503m	0.351	ppbv	
52) Tetrachloroethene	11.291	164	33344099	357.179	ppbv	91
53) Toluene	9.809	91	179273	0.651	ppbv	99
58) Ethyl Benzene	12.719	91	56810m	0.148	ppbv	
59) m/p-Xylene	12.976	91	180565m	0.536	ppbv	
60) o-Xylene	13.693	91	78193	0.247	ppbv	99
61) Styrene	13.529	104	23430m	0.138	ppbv	
62) Isopropylbenzene	14.670	105	1133461	2.409	ppbv	99
63) 1,1,2,2-Tetrachloroethane	13.683	83	39340m	0.221	ppbv	
73) 1,3,5-Trimethylbenzene	16.002	105	70050m	0.209	ppbv	
74) 1,2,4-Trimethylbenzene	16.760	105	183184	0.490	ppbv #	61
79) Naphthalene	22.185	128	39107m	0.136	ppbv	

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

Manual Integrations

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