

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL061322\
 Data File : VL039259.D
 Acq On : 13 Jun 2022 19:54
 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 06/14/2022
 Supervised By :Mahesh Dadoda 06/16/2022

Quant Time: Jun 14 01:33:54 2022

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

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Jun 01 01:22:18 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	1280071	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	7.182	114	2922708	10.000	ppbv	0.00
55) Chlorobenzene-d5	12.098	117	2596433	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.420	95	2384185	11.107	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	111.100%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	3.057	85	70587m	0.314	ppbv	
3) Chlorodifluoromethane	2.996	51	9563801	58.720	ppbv	99
4) Chloromethane	3.147	50	32527	0.389	ppbv #	73
9) Propene	3.022	41	151852m	2.138	ppbv	
10) Heptane	8.127	43	52466m	0.317	ppbv	
11) Trichlorofluoromethane	3.954	101	59835m	0.294	ppbv	
13) Ethanol	3.610	45	6370244	1644.754	ppbv #	100
15) Acetone	3.851	43	3347087	25.101	ppbv	97
17) tert-Butyl alcohol	4.304	59	228351	2.208	ppbv	95
19) Isopropyl Alcohol	3.977	45	586458	9.377	ppbv #	1
20) Methylene Chloride	4.353	84	1429354	25.437	ppbv	95
25) Ethyl Acetate	5.681	43	2297545	7.645	ppbv	98
29) Chloroform	5.761	83	256230	1.153	ppbv	95
30) Cyclohexane	7.140	84	17750m	0.160	ppbv	
31) cis-1,2-Dichloroethene	5.555	61	74586m	0.554	ppbv	
34) 2-Butanone	5.250	43	521959	3.287	ppbv	97
35) Carbon Tetrachloride	7.021	117	20382m	0.096	ppbv	
36) Benzene	6.896	78	1422213	5.994	ppbv	96
38) Trichloroethene	7.838	130	374926	3.440	ppbv	92
50) 4-Methyl-2-Pentanone	8.754	43	145415	0.612	ppbv	98
52) Tetrachloroethene	11.295	164	38968411	420.623	ppbv	91
53) Toluene	9.812	91	200538	0.734	ppbv	98
58) Ethyl Benzene	12.719	91	62185m	0.174	ppbv	
59) m/p-Xylene	12.976	91	205073m	0.651	ppbv	
60) o-Xylene	13.700	91	97655m	0.330	ppbv	
61) Styrene	13.542	104	24052m	0.152	ppbv	
62) Isopropylbenzene	14.674	105	1270902	2.889	ppbv	98
63) 1,1,2,2-Tetrachloroethane	13.684	83	46540m	0.280	ppbv	
69) p-Isopropyltoluene	17.654	119	56319m	0.122	ppbv	
72) 4-Ethyltoluene	15.835	105	53176m	0.153	ppbv	
73) 1,3,5-Trimethylbenzene	16.002	105	81387m	0.260	ppbv	
74) 1,2,4-Trimethylbenzene	16.761	105	214132m	0.613	ppbv	
76) 1,4-Dichlorobenzene	17.143	146	21389m	0.108	ppbv	
79) Naphthalene	22.194	128	40329m	0.150	ppbv	

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

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