

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL032822\
 Data File : VL038770.D
 Acq On : 28 Mar 2022 14:18
 Operator : SY/AP
 Sample : N2096-02
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SV-02-(SB-07)

Quant Time: Mar 29 06:11:30 2022
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL032122AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Mon Mar 29 2022
 QLast Update : Mon Mar 21 17:09:26 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : Semsettin Yesilyurt 03/29/2022
 Supervised By : Mahesh Dadoda 03/29/2022

03/29/2022
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 Dadoda

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

Internal Standards						
1) Bromochloromethane	5.674	49	845210	10.000	ppbv	0.02
33) 1,4-Difluorobenzene	7.182	114	2353860	10.000	ppbv	0.02
55) Chlorobenzene-d5	12.089	117	2092712	10.000	ppbv	0.01

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.416	95	1617928	10.084	ppbv	0.01
Spiked Amount	10.000	Range	65 - 135	Recovery	=	100.800%

Target Compounds						Qvalue
2) Dichlorodifluoromethane	3.057	85	66829	0.588	ppbv	95
3) Chlorodifluoromethane	2.996	51	28298	0.317	ppbv	95
4) Chloromethane	3.150	50	30702m	0.626	ppbv	
7) Chloroethane	3.571	64	2883m	0.175	ppbv	
9) Propene	3.021	41	1977372	45.882	ppbv	92
10) Heptane	8.130	43	133481	1.296	ppbv	97
11) Trichlorofluoromethane	3.960	101	140247	1.399	ppbv	99
12) 1,1,2-Trichlorotrifluo...	4.500	101	8030m	0.104	ppbv	
13) Ethanol	3.610	45	831652	174.936	ppbv	98
15) Acetone	3.854	43	940266	12.893	ppbv #	75
17) tert-Butyl alcohol	4.304	59	63957m	1.004	ppbv	
19) Isopropyl Alcohol	3.976	45	100943	2.496	ppbv #	1
20) Methylene Chloride	4.353	84	45039	1.466	ppbv	94
26) Hexane	5.697	57	1327898	16.156	ppbv #	40
27) Carbon Disulfide	4.558	76	480035	5.954	ppbv	97
29) Chloroform	5.758	83	39241	0.298	ppbv	89
30) Cyclohexane	7.140	84	275220	3.851	ppbv	96
32) 1,1,1-Trichloroethane	6.520	97	107948	0.850	ppbv	99
34) 2-Butanone	5.250	43	66906	0.718	ppbv #	86
35) Carbon Tetrachloride	7.024	117	112811	0.826	ppbv	93
36) Benzene	6.896	78	179636	0.989	ppbv	96
38) Trichloroethene	7.838	130	110522	1.452	ppbv	96
41) Tetrahydrofuran	6.066	42	30418m	0.439	ppbv	
52) Tetrachloroethene	11.220	164	20761m	0.312	ppbv	
53) Toluene	9.809	91	299604	1.535	ppbv	99
58) Ethyl Benzene	12.709	91	117965	0.482	ppbv #	86
59) m/p-Xylene	12.970	91	328468	1.535	ppbv	93
60) o-Xylene	13.696	91	118182m	0.582	ppbv	
61) Styrene	13.532	104	27733m	0.252	ppbv	
64) n-propylbenzene	15.564	120	8183m	0.102	ppbv	
72) 4-Ethyltoluene	15.841	105	41417m	0.173	ppbv	
73) 1,3,5-Trimethylbenzene	16.002	105	30991m	0.142	ppbv	
74) 1,2,4-Trimethylbenzene	16.767	105	97565	0.410	ppbv #	76
79) Naphthalene	22.201	128	38975m	0.214	ppbv	

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

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