

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL120122\
 Data File : VL039949.D
 Acq On : 1 Dec 2022 19:40
 Operator : SY/MD
 Sample : N5825-02
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 OTC-SS

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 12/02/2022
 Supervised By : Mahesh Dadoda 12/05/2022

Quant Time: Dec 02 05:34:45 2022

Quant Method : Z:\voasrv\HPCHEM1\MSVOA_L\methods\VL111822AIR.M

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Aug 2022

QLast Update : Fri Dec 02 05:29:35 2022

Response via : Initial Calibration

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

Internal Standards						
1) Bromochloromethane	5.173	49	1182265	10.000	ppbv	0.00
33) 1,4-Difluorobenzene	6.632	114	3213786	10.000	ppbv	0.00
55) Chlorobenzene-d5	11.452	117	2918687	10.000	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	13.757	95	2379272	10.673	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	106.700%
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.700	85	87798	0.519	ppbv	99
3) Chlorodifluoromethane	2.645	51	3476308	21.308	ppbv	98
4) Chloromethane	2.787	50	15853	0.152	ppbv	91
9) Propene	2.665	41	419095	5.454	ppbv	95
10) Heptane	7.555	43	65176m	0.351	ppbv	
11) Trichlorofluoromethane	3.533	101	40048	0.194	ppbv	90
13) Ethanol	3.218	45	1543421	263.059	ppbv	97
15) Acetone	3.446	43	30966541	197.473	ppbv #	39
17) tert-Butyl alcohol	3.864	59	320724	1.779	ppbv #	72
19) Isopropyl Alcohol	3.555	45	4281863	50.431	ppbv #	29
20) Methylene Chloride	3.912	84	2032386	26.751	ppbv	96
26) Hexane	5.182	57	1411792	11.225	ppbv #	38
29) Chloroform	5.253	83	397392	2.378	ppbv	99
32) 1,1,1-Trichloroethane	5.976	97	15402m	0.074	ppbv	
34) 2-Butanone	4.764	43	954383	6.206	ppbv	97
35) Carbon Tetrachloride	6.472	117	12315m	0.067	ppbv	
36) Benzene	6.349	78	302996	1.109	ppbv	96
38) Trichloroethene	7.269	130	568889	3.725	ppbv	99
42) Bromodichloromethane	7.230	83	72916m	0.359	ppbv	
48) Dibromochloromethane	9.690	129	26154	0.163	ppbv	94
50) 4-Methyl-2-Pentanone	8.163	43	315654	1.146	ppbv	95
51) 2-Hexanone	9.545	43	194354	0.909	ppbv #	92
52) Tetrachloroethene	10.713	164	59869447m	585.854	ppbv	
53) Toluene	9.195	91	373709	1.201	ppbv	98
58) Ethyl Benzene	12.076	91	302081	0.763	ppbv	90
59) m/p-Xylene	12.327	91	982491	2.965	ppbv	98
60) o-Xylene	13.040	91	456655	1.445	ppbv	98
61) Styrene	12.880	104	59578	0.316	ppbv	93
62) Isopropylbenzene	14.011	105	200222	0.439	ppbv	98
64) n-propylbenzene	14.899	120	23313m	0.196	ppbv	
67) sec-Butylbenzene	16.616	105	112551m	0.205	ppbv	
69) p-Isopropyltoluene	16.976	119	123692m	0.274	ppbv	
70) n-Butylbenzene	17.873	91	497040m	1.110	ppbv	
72) 4-Ethyltoluene	15.172	105	126562m	0.356	ppbv	
73) 1,3,5-Trimethylbenzene	15.330	105	249397	0.767	ppbv	95
74) 1,2,4-Trimethylbenzene	16.089	105	803267	2.333	ppbv #	74
76) 1,4-Dichlorobenzene	16.455	146	26835m	0.140	ppbv	
79) Naphthalene	21.365	128	662315	3.214	ppbv	98

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

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