

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL051322\
 Data File : VL039055.D
 Acq On : 14 May 2022 3:16
 Operator : SY/AP
 Sample : N2828-03
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA L
 ClientSampleId :
 SV1

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 05/16/2022
 Supervised By : Mahesh Dadoda 05/17/2022

Quant Time: May 14 04:12:04 2022

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL050522A

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument:

QLast Update : Thu May 05 10:12:15 2022

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.65	49	903816	10.00	ppbv	-0.01
33) 1,4-Difluorobenzene	7.16	114	2169285	10.00	ppbv	-0.01
55) Chlorobenzene-d5	12.06	117	1918619	10.00	ppbv	-0.01

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.39	95	1588071	10.45	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	104.50%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	3.04	85	50254m	0.355	ppbv
3) Chlorodifluoromethane	2.98	51	4546942	40.543	ppbv 99
4) Chloromethane	3.14	50	28149	0.501	ppbv # 74
7) Chloroethane	3.55	64	2139	0.125	ppbv 91
9) Propene	3.02	41	140017m	2.859	ppbv
10) Heptane	8.10	43	66463m	0.553	ppbv
11) Trichlorofluoromethane	3.94	101	28198	0.232	ppbv 96
13) Ethanol	3.59	45	5773309	1665.681	ppbv 89
15) Acetone	3.83	43	1821461	21.364	ppbv 95
17) tert-Butyl alcohol	4.29	59	127295m	1.943	ppbv
19) Isopropyl Alcohol	3.96	45	1747903	43.119	ppbv # 99
20) Methylene Chloride	4.33	84	35338	1.100	ppbv # 89
23) Vinyl Acetate	5.06	43	2746445	40.713	ppbv # 98
25) Ethyl Acetate	5.66	43	1508887	7.394	ppbv # 95
27) Carbon Disulfide	4.54	76	17946m	0.208	ppbv
29) Chloroform	5.74	83	389341	2.654	ppbv 97
34) 2-Butanone	5.23	43	877902	7.933	ppbv 98
35) Carbon Tetrachloride	7.00	117	9703m	0.068	ppbv
36) Benzene	6.88	78	45440	0.245	ppbv # 91
41) Tetrahydrofuran	6.03	42	17744m	0.239	ppbv
51) 2-Hexanone	10.10	43	479141	3.383	ppbv 100
52) Tetrachloroethene	11.20	164	16117m	0.243	ppbv
53) Toluene	9.79	91	89745	0.431	ppbv 97
59) m/p-Xylene	12.95	91	51684m	0.219	ppbv
60) o-Xylene	13.67	91	27050m	0.122	ppbv
61) Styrene	13.50	104	15259m	0.129	ppbv
62) Isopropylbenzene	14.64	105	42086	0.130	ppbv 99
69) p-Isopropyltoluene	17.63	119	41473m	0.126	ppbv
74) 1,2,4-Trimethylbenzene	16.74	105	45413m	0.182	ppbv
79) Naphthalene	22.17	128	20280m	0.100	ppbv

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

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