

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL051322\
 Data File : VL039057.D
 Acq On : 14 May 2022 4:36
 Operator : SY/AP
 Sample : N2828-04
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA L
 ClientSampleId :
 SV2

Manual Integrations
 APPROVED

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

Quant Time: May 14 07:27:36 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	5.66	49	944382	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.17	114	2522967	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.07	117	2218235	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.40	95	1730756	9.85	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	98.50%

Target Compounds

					Ovalue	
2) Dichlorodifluoromethane	3.04	85	51907m	0.351	ppbv	
3) Chlorodifluoromethane	2.98	51	231626	1.977	ppbv #	84
7) Chloroethane	3.55	64	18830m	1.050	ppbv	
9) Propene	3.02	41	489510m	9.565	ppbv	
10) Heptane	8.11	43	284727	2.268	ppbv	95
11) Trichlorofluoromethane	3.94	101	39351	0.310	ppbv	98
13) Ethanol	3.60	45	801662	221.356	ppbv	86
15) Acetone	3.85	43	6643772	74.579	ppbv #	89
17) tert-Butyl alcohol	4.29	59	115327	1.684	ppbv	94
18) 1,1-Dichloroethene	4.29	96	26203	0.696	ppbv	81
19) Isopropyl Alcohol	3.96	45	358251m	8.458	ppbv	
20) Methylene Chloride	4.34	84	71264	2.123	ppbv	97
23) Vinyl Acetate	5.07	43	729333	10.347	ppbv	99
24) 1,1-Dichloroethane	5.01	63	12856m	0.158	ppbv	
26) Hexane	5.68	57	1294434	13.663	ppbv #	21
27) Carbon Disulfide	4.54	76	321298	3.570	ppbv	99
28) Methyl tert-Butyl Ether	5.03	73	36414m	0.505	ppbv	
29) Chloroform	5.75	83	33295113	217.225	ppbv #	66
32) 1,1,1-Trichloroethane	6.51	97	13245m	0.086	ppbv	
34) 2-Butanone	5.24	43	3575000	27.775	ppbv	97
35) Carbon Tetrachloride	7.01	117	257284	1.548	ppbv	100
36) Benzene	6.89	78	175720	0.814	ppbv #	94
38) Trichloroethene	7.83	130	14103m	0.147	ppbv	
42) Bromodichloromethane	7.78	83	200537	1.098	ppbv #	96
50) 4-Methyl-2-Pentanone	8.74	43	78348	0.347	ppbv #	80
51) 2-Hexanone	10.11	43	1478299	8.974	ppbv #	96
52) Tetrachloroethene	11.21	164	1733068	22.462	ppbv	97
53) Toluene	9.79	91	317416	1.312	ppbv	99
58) Ethyl Benzene	12.69	91	62861m	0.197	ppbv	
59) m/p-Xylene	12.95	91	196194m	0.720	ppbv	
60) o-Xylene	13.67	91	160116	0.624	ppbv	99
61) Styrene	13.51	104	15182m	0.111	ppbv	
62) Isopropylbenzene	14.65	105	232545	0.620	ppbv	99
69) p-Isopropyltoluene	17.63	119	47941m	0.126	ppbv	
73) 1,3,5-Trimethylbenzene	15.98	105	57405m	0.218	ppbv	
74) 1,2,4-Trimethylbenzene	16.74	105	126910	0.440	ppbv #	63

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

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