

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL060722\
 Data File : VL039215.D
 Acq On : 7 Jun 2022 18:54
 Operator : SY/AP
 Sample : N3187-01
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA L
 ClientSampleId :
 IA-1B

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 06/10/2022
 Supervised By : Mahesh Dadoda 06/10/2022

Quant Time: Jun 08 05:59:13 2022
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL053122A
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument:
 QLast Update : Wed Jun 01 01:22:18 2022
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.67	49	828757	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.18	114	1844662	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.09	117	1687583	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.41	95	1513584	10.85	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	108.50%

Target Compounds

	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	3.05	85	106162	0.729	ppbv	97
3) Chlorodifluoromethane	2.99	51	1411483	13.386	ppbv	99
4) Chloromethane	3.14	50	30012	0.554	ppbv	94
9) Propene	3.03	41	182023m	3.959	ppbv	
10) Heptane	8.12	43	80254	0.748	ppbv	93
11) Trichlorofluoromethane	3.96	101	48138	0.365	ppbv	92
12) 1,1,2-Trichlorotrifluoroet	4.50	101	9468m	0.109	ppbv	
13) Ethanol	3.62	45	13495548	5381.981	ppbv #	100
15) Acetone	3.85	43	1116115	12.928	ppbv #	88
17) tert-Butyl alcohol	4.31	59	17544m	0.262	ppbv	
19) Isopropyl Alcohol	3.98	45	2043273	50.462	ppbv	99
20) Methylene Chloride	4.35	84	292982	8.053	ppbv	98
26) Hexane	5.69	57	520589	6.088	ppbv #	56
29) Chloroform	5.75	83	20165m	0.140	ppbv	
30) Cyclohexane	7.13	84	51643m	0.719	ppbv	
34) 2-Butanone	5.25	43	92320	0.921	ppbv	96
35) Carbon Tetrachloride	7.02	117	12091m	0.090	ppbv	
36) Benzene	6.89	78	236966	1.582	ppbv	96
38) Trichloroethene	7.83	130	8772m	0.128	ppbv	
44) 2,2,4-Trimethylpentane	7.87	57	257463	0.983	ppbv #	82
52) Tetrachloroethene	11.23	164	7313m	0.125	ppbv	
53) Toluene	9.81	91	946729	5.490	ppbv	99
58) Ethyl Benzene	12.71	91	221386	0.952	ppbv	93
59) m/p-Xylene	12.97	91	666582	3.256	ppbv	99
60) o-Xylene	13.69	91	234797	1.221	ppbv	97
61) Styrene	13.52	104	26217m	0.255	ppbv	
64) n-propylbenzene	15.56	120	11214m	0.160	ppbv	
69) p-Isopropyltoluene	17.65	119	38777m	0.129	ppbv	
72) 4-Ethyltoluene	15.83	105	61107	0.271	ppbv #	92
73) 1,3,5-Trimethylbenzene	15.99	105	48783m	0.240	ppbv	
74) 1,2,4-Trimethylbenzene	16.76	105	175379	0.773	ppbv #	61
79) Naphthalene	22.18	128	17783m	0.102	ppbv	

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

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