

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL033022\
 Data File : VL038802.D
 Acq On : 30 Mar 2022 20:03
 Operator : SY/AP
 Sample : N2169-02
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA L
 ClientSampleId :
 SV2

Manual Integrations
 APPROVED

Reviewed By : Semsettin
 Yesilyurt

Quant Time: Mar 31 04:56:17 2022

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL032122A

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

QLast Update : Mon Mar 21 17:09:26 2022

Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.66	49	731709	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.17	114	2259316	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.08	117	2062148	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.41	95	1491866	9.44	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	94.40%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	3.05	85	262841	2.672	ppbv	100
3) Chlorodifluoromethane	2.99	51	20962m	0.271	ppbv	
4) Chloromethane	3.14	50	117247	2.763	ppbv	97
5) Vinyl Chloride	3.26	62	6409m	0.149	ppbv	
6) Bromomethane	3.48	94	5223m	0.227	ppbv	
7) Chloroethane	3.56	64	12053	0.845	ppbv	89
9) Propene	3.02	41	944219	25.308	ppbv	85
10) Heptane	8.12	43	1405064	15.754	ppbv	100
11) Trichlorofluoromethane	3.95	101	28364	0.327	ppbv	100
13) Ethanol	3.59	45	610478	148.332	ppbv	98
15) Acetone	3.84	43	3643498	57.708	ppbv	98
17) tert-Butyl alcohol	4.29	59	268500	4.869	ppbv	96
19) Isopropyl Alcohol	3.96	45	91639	2.618	ppbv #	91
20) Methylene Chloride	4.35	84	34727m	1.306	ppbv	
26) Hexane	5.68	57	2716554	38.178	ppbv #	34
27) Carbon Disulfide	4.55	76	359818	5.155	ppbv	97
28) Methyl tert-Butyl Ether	5.03	73	47568	0.897	ppbv #	51
29) Chloroform	5.75	83	14347m	0.126	ppbv	
30) Cyclohexane	7.13	84	37208	0.601	ppbv #	44
32) 1,1,1-Trichloroethane	6.51	97	61913	0.563	ppbv	97
34) 2-Butanone	5.23	43	1860068	20.801	ppbv	99
35) Carbon Tetrachloride	7.01	117	5670m	0.043	ppbv	
36) Benzene	6.88	78	295857	1.697	ppbv	99
44) 2,2,4-Trimethylpentane	7.86	57	478527	1.634	ppbv #	1
50) 4-Methyl-2-Pentanone	8.74	43	103244	0.621	ppbv	95
51) 2-Hexanone	10.12	43	1153542	9.660	ppbv	90
52) Tetrachloroethene	11.21	164	301533	4.725	ppbv	97
53) Toluene	9.80	91	551977	2.946	ppbv	99
58) Ethyl Benzene	12.70	91	182673	0.758	ppbv	97
59) m/p-Xylene	12.96	91	436393	2.069	ppbv	94
60) o-Xylene	13.68	91	191079	0.954	ppbv	98
61) Styrene	13.52	104	30128m	0.277	ppbv	
62) Isopropylbenzene	14.66	105	211416	0.702	ppbv	99
64) n-propylbenzene	15.55	120	18272m	0.231	ppbv	
69) p-Isopropyltoluene	17.64	119	52379	0.166	ppbv	97
72) 4-Ethyltoluene	15.83	105	85475m	0.362	ppbv	
73) 1,3,5-Trimethylbenzene	15.99	105	66920	0.311	ppbv	88
74) 1,2,4-Trimethylbenzene	16.75	105	229797	0.980	ppbv #	71
79) Naphthalene	22.19	128	27596m	0.154	ppbv	

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
-----04/02/2022-----						
(#)=qualifier out of range (m)=manual integration (+)=Signals Summed						

Supervised By : Mahesh
Dadodea

04/04/2022

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