

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL033022\
 Data File : VL038797.D
 Acq On : 30 Mar 2022 16:43
 Operator : SY/AP
 Sample : N2169-01
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA L
 ClientSampleId :
 SV1

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 04/02/2022
 Supervised By : Mahesh Dadoda 04/04/2022

Quant Time: Mar 31 04:29:05 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	736386	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.17	114	2005981	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.08	117	1859529	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.40	95	1484938	10.42	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	104.20%

Target Compounds

						Ovalue
2) Dichlorodifluoromethane	3.05	85	251579	2.541	ppbv	99
3) Chlorodifluoromethane	2.99	51	17679m	0.227	ppbv	
4) Chloromethane	3.14	50	25614m	0.600	ppbv	
5) Vinyl Chloride	3.25	62	3549m	0.082	ppbv	
7) Chloroethane	3.56	64	5543m	0.386	ppbv	
9) Propene	3.01	41	1600347	42.621	ppbv	96
10) Heptane	8.11	43	234149	2.609	ppbv #	26
11) Trichlorofluoromethane	3.95	101	29603	0.339	ppbv	100
13) Ethanol	3.60	45	617599	149.109	ppbv	100
15) Acetone	3.84	43	11332547	178.351	ppbv #	86
16) 1,3-Butadiene	3.31	39	1265116	35.084	ppbv #	40
17) tert-Butyl alcohol	4.29	59	468079	8.435	ppbv	96
19) Isopropyl Alcohol	3.97	45	468258	13.292	ppbv #	91
20) Methylene Chloride	4.35	84	58223	2.175	ppbv	96
26) Hexane	5.68	57	909245	12.697	ppbv #	30
27) Carbon Disulfide	4.55	76	1562978	22.249	ppbv	99
28) Methyl tert-Butyl Ether	5.02	73	34994m	0.656	ppbv	
29) Chloroform	5.75	83	21767m	0.190	ppbv	
30) Cyclohexane	7.12	84	76842	1.234	ppbv	89
32) 1,1,1-Trichloroethane	6.51	97	61441	0.555	ppbv	98
34) 2-Butanone	5.23	43	2077384	26.165	ppbv	95
35) Carbon Tetrachloride	7.01	117	5216m	0.045	ppbv	
36) Benzene	6.89	78	1329700	8.589	ppbv	99
44) 2,2,4-Trimethylpentane	7.86	57	3198891	12.306	ppbv #	82
50) 4-Methyl-2-Pentanone	8.73	43	501953	3.401	ppbv	97
51) 2-Hexanone	10.11	43	804855	7.591	ppbv #	96
52) Tetrachloroethene	11.21	164	215680	3.807	ppbv	97
53) Toluene	9.80	91	1631211	9.806	ppbv	99
58) Ethyl Benzene	12.70	91	437957	2.015	ppbv	99
59) m/p-Xylene	12.95	91	877845	4.616	ppbv	94
60) o-Xylene	13.68	91	432324	2.394	ppbv	99
61) Styrene	13.52	104	135554	1.384	ppbv	97
62) Isopropylbenzene	14.65	105	265598	0.979	ppbv	100
64) n-propylbenzene	15.55	120	28693m	0.403	ppbv	
69) p-Isopropyltoluene	17.64	119	49908m	0.175	ppbv	
70) n-Butylbenzene	18.54	91	56796m	0.193	ppbv	
72) 4-Ethyltoluene	15.82	105	119249m	0.559	ppbv	
73) 1,3,5-Trimethylbenzene	15.98	105	101063	0.520	ppbv	97
74) 1,2,4-Trimethylbenzene	16.75	105	307439	1.453	ppbv #	72
79) Naphthalene	22.18	128	37604m	0.233	ppbv	
80) Naphthalene,2-methyl-	24.97	142	5507	0.127	ppbv #	86

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

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