

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL033022\
 Data File : VL038798.D
 Acq On : 30 Mar 2022 17:23
 Operator : SY/AP
 Sample : N2169-01DUP
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA L
 ClientSampleId :
 SV1DUP

Manual Integrations
 APPROVED

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

Quant Time: Mar 31 04:35:15 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	812463	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.17	114	2330520	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.08	117	2146472	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.40	95	1608717	9.78	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	97.80%

Target Compounds

						Ovalue
2) Dichlorodifluoromethane	3.05	85	240576	2.203	ppbv	100
3) Chlorodifluoromethane	2.99	51	18493m	0.216	ppbv	
4) Chloromethane	3.14	50	26647	0.566	ppbv	99
5) Vinyl Chloride	3.26	62	3479	0.073	ppbv	99
7) Chloroethane	3.56	64	5900m	0.372	ppbv	
9) Propene	3.01	41	1977563	47.736	ppbv	95
10) Heptane	8.11	43	297451	3.004	ppbv #	26
11) Trichlorofluoromethane	3.95	101	27207	0.282	ppbv	98
13) Ethanol	3.60	45	700792	153.351	ppbv	99
15) Acetone	3.84	43	11179925	159.474	ppbv #	86
16) 1,3-Butadiene	3.30	39	1299476	32.662	ppbv #	40
17) tert-Butyl alcohol	4.29	59	513991	8.395	ppbv	99
19) Isopropyl Alcohol	3.97	45	503522	12.954	ppbv #	91
20) Methylene Chloride	4.35	84	70737	2.396	ppbv	97
26) Hexane	5.68	57	1043956	13.213	ppbv #	31
27) Carbon Disulfide	4.55	76	1519404	19.604	ppbv	98
28) Methyl tert-Butyl Ether	5.03	73	31330	0.532	ppbv	98
29) Chloroform	5.75	83	22297	0.176	ppbv	94
30) Cyclohexane	7.12	84	96603	1.406	ppbv	94
32) 1,1,1-Trichloroethane	6.50	97	66616	0.546	ppbv	99
34) 2-Butanone	5.24	43	1959495	21.243	ppbv	94
35) Carbon Tetrachloride	7.01	117	5640m	0.042	ppbv	
36) Benzene	6.89	78	1521190	8.457	ppbv	99
44) 2,2,4-Trimethylpentane	7.86	57	3648658	12.082	ppbv #	88
50) 4-Methyl-2-Pentanone	8.73	43	590104	3.441	ppbv	97
51) 2-Hexanone	10.11	43	914540	7.425	ppbv #	96
52) Tetrachloroethene	11.21	164	250090	3.800	ppbv	95
53) Toluene	9.80	91	1802716	9.328	ppbv	99
58) Ethyl Benzene	12.70	91	485544	1.935	ppbv	98
59) m/p-Xylene	12.95	91	983610	4.481	ppbv	94
60) o-Xylene	13.68	91	463833	2.226	ppbv	93
61) Styrene	13.52	104	156997	1.389	ppbv	96
62) Isopropylbenzene	14.65	105	295477	0.943	ppbv	99
64) n-propylbenzene	15.55	120	32559m	0.396	ppbv	
69) p-Isopropyltoluene	17.64	119	49734	0.151	ppbv	95
70) n-Butylbenzene	18.55	91	55498m	0.164	ppbv	
72) 4-Ethyltoluene	15.83	105	126212	0.513	ppbv	97
73) 1,3,5-Trimethylbenzene	15.99	105	113337	0.506	ppbv	97
74) 1,2,4-Trimethylbenzene	16.75	105	331747	1.359	ppbv #	74
79) Naphthalene	22.18	128	28625m	0.153	ppbv	

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

