

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL033022\
 Data File : VL038804.D
 Acq On : 30 Mar 2022 21:22
 Operator : SY/AP
 Sample : N2169-03
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA L
 ClientSampleId :
 SV3

Manual Integrations
 APPROVED

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

Quant Time: Mar 31 05:11:19 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	774710	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.17	114	2331145	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.08	117	2098750	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.41	95	1492649	9.28	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	92.80%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	3.05	85	238677	2.292	ppbv	99
3) Chlorodifluoromethane	2.99	51	15895m	0.194	ppbv	
4) Chloromethane	3.14	50	20857	0.464	ppbv	96
7) Chloroethane	3.56	64	7284	0.482	ppbv	96
9) Propene	3.01	41	450640	11.408	ppbv	93
10) Heptane	8.12	43	323293	3.424	ppbv	96
11) Trichlorofluoromethane	3.95	101	24539	0.267	ppbv	93
13) Ethanol	3.60	45	254019	58.295	ppbv	99
15) Acetone	3.84	43	1599489	23.927	ppbv	89
16) 1,3-Butadiene	3.31	39	357863	9.433	ppbv #	36
17) tert-Butyl alcohol	4.29	59	162877	2.790	ppbv	95
19) Isopropyl Alcohol	3.97	45	44907	1.212	ppbv #	1
20) Methylene Chloride	4.35	84	72731	2.583	ppbv	96
26) Hexane	5.68	57	2064958	27.410	ppbv #	26
27) Carbon Disulfide	4.55	76	337087	4.561	ppbv	100
28) Methyl tert-Butyl Ether	5.03	73	85839	1.530	ppbv	97
29) Chloroform	5.75	83	20842	0.173	ppbv	95
30) Cyclohexane	7.13	84	29016	0.443	ppbv #	1
32) 1,1,1-Trichloroethane	6.51	97	38492	0.331	ppbv	99
34) 2-Butanone	5.24	43	1479267	16.033	ppbv	99
35) Carbon Tetrachloride	7.01	117	4131m	0.031	ppbv	
36) Benzene	6.88	78	408956	2.273	ppbv	97
38) Trichloroethene	7.83	130	2773m	0.037	ppbv	
51) 2-Hexanone	10.12	43	794981	6.452	ppbv #	99
52) Tetrachloroethene	11.21	164	497629	7.558	ppbv	96
53) Toluene	9.80	91	1292180	6.684	ppbv	99
58) Ethyl Benzene	12.70	91	357295	1.456	ppbv	96
59) m/p-Xylene	12.96	91	1102513	5.137	ppbv	94
60) o-Xylene	13.68	91	508672	2.496	ppbv	95
61) Styrene	13.52	104	20990m	0.190	ppbv	
62) Isopropylbenzene	14.65	105	218961	0.715	ppbv	98
64) n-propylbenzene	15.55	120	15169m	0.189	ppbv	
69) p-Isopropyltoluene	17.65	119	40590m	0.126	ppbv	
72) 4-Ethyltoluene	15.83	105	66033m	0.275	ppbv	
73) 1,3,5-Trimethylbenzene	15.98	105	63698	0.291	ppbv	92
74) 1,2,4-Trimethylbenzene	16.75	105	146465	0.613	ppbv #	71
79) Naphthalene	22.19	128	27494m	0.151	ppbv	

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

