

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL012422\
 Data File : VL038272.D
 Acq On : 24 Jan 2022 23:03
 Operator : SY/AP
 Sample : N1244-01
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA L
 ClientSampleId :
 SG-1

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 01/25/2022
 Supervised By :Mahesh Dadoda 01/26/2022

Quant Time: Jan 25 14:42:20 2022
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL012422A
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument:
 QLast Update : Mon Jan 24 14:12:48 2022
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.68	49	807460	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.19	114	1994209	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.09	117	1786255	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.42	95	1352112	9.97	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	99.70%

Target Compounds

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	3.06	85	61068	0.355	ppbv	97
3) Chlorodifluoromethane	3.00	51	23023m	0.143	ppbv	
4) Chloromethane	3.15	50	18612	0.337	ppbv	100
9) Propene	3.03	41	149267m	2.853	ppbv	
10) Heptane	8.13	43	380162	2.824	ppbv	100
11) Trichlorofluoromethane	3.97	101	28838m	0.215	ppbv	
13) Ethanol	3.62	45	6164465	1097.379	ppbv	98
15) Acetone	3.86	43	4211410	59.166	ppbv	100
17) tert-Butyl alcohol	4.32	59	76463	0.979	ppbv	98
19) Isopropyl Alcohol	3.99	45	74098	1.664	ppbv #	1
20) Methylene Chloride	4.37	84	103108	2.491	ppbv	92
26) Hexane	5.71	57	520986	5.620	ppbv #	45
29) Chloroform	5.77	83	58679	0.388	ppbv	98
30) Cyclohexane	7.14	84	24745m	0.307	ppbv	
34) 2-Butanone	5.26	43	124873	1.915	ppbv	97
35) Carbon Tetrachloride	7.03	117	6891m	0.049	ppbv	
36) Benzene	6.90	78	229192	1.299	ppbv	96
41) Tetrahydrofuran	6.07	42	14473m	0.330	ppbv	
44) 2,2,4-Trimethylpentane	7.88	57	155045	0.499	ppbv #	75
50) 4-Methyl-2-Pentanone	8.75	43	86331	0.742	ppbv	95
52) Tetrachloroethene	11.24	164	1522506	25.043	ppbv	99
53) Toluene	9.82	91	2690048	13.778	ppbv	99
58) Ethyl Benzene	12.72	91	382803	1.458	ppbv	93
59) m/p-Xylene	12.97	91	1062857	4.745	ppbv	97
60) o-Xylene	13.70	91	369100	1.772	ppbv	99
62) Isopropylbenzene	14.67	105	29418m	0.106	ppbv	
64) n-propylbenzene	15.57	120	17708m	0.265	ppbv	
72) 4-Ethyltoluene	15.85	105	109435m	0.502	ppbv	
73) 1,3,5-Trimethylbenzene	16.00	105	92045m	0.470	ppbv	
74) 1,2,4-Trimethylbenzene	16.77	105	267374	1.295	ppbv #	74

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

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