

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL012422\
 Data File : VL038274.D
 Acq On : 25 Jan 2022 00:21
 Operator : SY/AP
 Sample : N1244-02
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA L
 ClientSampleId :
 SG-2

Manual Integrations
 APPROVED

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

Quant Time: Jan 25 03:01:17 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	780416	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.19	114	2006410	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.09	117	1742546	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.42	95	1357741	10.27	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	102.70%

Target Compounds

	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	3.06	85	69634	0.419	ppbv	97
3) Chlorodifluoromethane	3.01	51	19182	0.123	ppbv	93
4) Chloromethane	3.16	50	6031	0.113	ppbv	95
9) Propene	3.03	41	325499	6.436	ppbv	90
10) Heptane	8.13	43	120050m	0.923	ppbv	
11) Trichlorofluoromethane	3.97	101	22152m	0.171	ppbv	
13) Ethanol	3.62	45	242110	44.593	ppbv	95
15) Acetone	3.86	43	4662653	67.775	ppbv	99
17) tert-Butyl alcohol	4.31	59	28363m	0.376	ppbv	
19) Isopropyl Alcohol	3.99	45	33628	0.781	ppbv #	91
20) Methylene Chloride	4.36	84	34847m	0.871	ppbv	
26) Hexane	5.70	57	147708	1.649	ppbv #	41
27) Carbon Disulfide	4.57	76	68260	0.651	ppbv	95
30) Cyclohexane	7.14	84	24424m	0.313	ppbv	
34) 2-Butanone	5.26	43	143195	2.182	ppbv	98
36) Benzene	6.90	78	93029	0.524	ppbv	100
44) 2,2,4-Trimethylpentane	7.88	57	75693	0.242	ppbv #	68
50) 4-Methyl-2-Pentanone	8.77	43	150780	1.288	ppbv	98
51) 2-Hexanone	10.16	43	51082m	0.991	ppbv	
52) Tetrachloroethene	11.24	164	1308888	21.399	ppbv	99
53) Toluene	9.82	91	2343689	11.931	ppbv	98
58) Ethyl Benzene	12.72	91	230727	0.901	ppbv	100
59) m/p-Xylene	12.98	91	767101m	3.511	ppbv	
60) o-Xylene	13.70	91	263429	1.296	ppbv	97
64) n-propylbenzene	15.57	120	19605m	0.301	ppbv	
69) p-Isopropyltoluene	17.66	119	30621	0.129	ppbv	95
70) n-Butylbenzene	18.56	91	36401m	0.156	ppbv	
72) 4-Ethyltoluene	15.84	105	118639	0.558	ppbv #	94
73) 1,3,5-Trimethylbenzene	16.01	105	91114m	0.477	ppbv	
74) 1,2,4-Trimethylbenzene	16.77	105	351617	1.746	ppbv #	73
79) Naphthalene	22.22	128	11130m	0.118	ppbv	

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

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