

Data Path : Z:\voasrv\HPCHEM1\MSVOA_L\Data\VL050922\
 Data File : VL038999.D
 Acq On : 9 May 2022 23:03
 Operator : SY/AP
 Sample : N2744-02
 Misc : 400mL/MSVOA_L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SV2

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 05/10/2022
 Supervised By :Mahesh Dadoda 05/11/2022

Quant Time: May 10 05:47:54 2022

Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL050522AIR.M

Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LThu May 05 2022

QLast Update : Thu May 05 10:12:15 2022

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Bromochloromethane	5.652	49	1202230	10.000	ppbv	-0.01
33) 1,4-Difluorobenzene	7.153	114	3336711	10.000	ppbv	-0.02
55) Chlorobenzene-d5	12.053	117	2936304	10.000	ppbv	-0.02
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.378	95	2237753	9.623	ppbv	-0.03
Spiked Amount	10.000	Range	65 - 135	Recovery	=	96.200%
Target Compounds						Qvalue
2) Dichlorodifluoromethane	3.044	85	68127	0.362	ppbv	99
3) Chlorodifluoromethane	2.983	51	63802m	0.428	ppbv	
4) Chloromethane	3.131	50	27758m	0.372	ppbv	
9) Propene	3.002	41	2818950	43.270	ppbv	93
10) Heptane	8.095	43	2408530	15.069	ppbv	98
11) Trichlorofluoromethane	3.944	101	51801	0.321	ppbv	93
13) Ethanol	3.597	45	10748645	2331.381	ppbv	92
15) Acetone	3.832	43	2864764	25.261	ppbv #	67
17) tert-Butyl alcohol	4.288	59	298504	3.425	ppbv #	70
20) Methylene Chloride	4.330	84	315046	7.371	ppbv	96
26) Hexane	5.671	57	3320076	27.529	ppbv #	40
27) Carbon Disulfide	4.539	76	227849	1.989	ppbv #	92
29) Chloroform	5.735	83	26186m	0.134	ppbv	
30) Cyclohexane	7.108	84	739628	7.325	ppbv	97
34) 2-Butanone	5.221	43	3806125	22.359	ppbv	99
35) Carbon Tetrachloride	6.999	117	29003m	0.132	ppbv	
36) Benzene	6.867	78	1799726	6.303	ppbv	97
38) Trichloroethene	7.803	130	10410m	0.082	ppbv	
41) Tetrahydrofuran	6.028	42	549270	4.801	ppbv	95
44) 2,2,4-Trimethylpentane	7.845	57	8784521	17.532	ppbv #	89
50) 4-Methyl-2-Pentanone	8.716	43	595829	1.996	ppbv	97
51) 2-Hexanone	10.092	43	1580359	7.254	ppbv #	77
52) Tetrachloroethene	11.195	164	3228380	31.638	ppbv	96
53) Toluene	9.780	91	10559155	32.992	ppbv	93
58) Ethyl Benzene	12.677	91	3932795	9.307	ppbv	98
59) m/p-Xylene	12.938	91	9888612	27.411	ppbv	90
60) o-Xylene	13.658	91	3827156	11.272	ppbv	97
61) Styrene	13.487	104	48733	0.269	ppbv #	91
62) Isopropylbenzene	14.632	105	390128	0.786	ppbv	98
64) n-propylbenzene	15.529	120	271761	2.264	ppbv	97
67) sec-Butylbenzene	17.262	105	101594	0.163	ppbv	99
69) p-Isopropyltoluene	17.619	119	68143	0.136	ppbv #	90
70) n-Butylbenzene	18.532	91	325891m	0.611	ppbv	
72) 4-Ethyltoluene	15.802	105	1545741	3.995	ppbv	98
73) 1,3,5-Trimethylbenzene	15.963	105	1165840	3.347	ppbv	95
74) 1,2,4-Trimethylbenzene	16.728	105	4084131	10.709	ppbv #	68
79) Naphthalene	22.153	128	258436	0.834	ppbv	97

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

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