

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL051322\
 Data File : VL039061.D
 Acq On : 14 May 2022 7:16
 Operator : SY/AP
 Sample : N2853-01
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA L
 ClientSampleId :
 SG-7

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 05/16/2022
 Supervised By : Mahesh Dadoda 05/17/2022

Quant Time: May 14 08:46:47 2022
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL050522A
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument:
 QLast Update : Thu May 05 10:12:15 2022
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.65	49	934788	10.00	ppbv	-0.01
33) 1,4-Difluorobenzene	7.16	114	2595368	10.00	ppbv	-0.01
55) Chlorobenzene-d5	12.06	117	2230154	10.00	ppbv	-0.01

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.39	95	1674763	9.48	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	94.80%

Target Compounds

					Ovalue
2) Dichlorodifluoromethane	3.04	85	42736	0.292 ppbv	95
3) Chlorodifluoromethane	2.98	51	98417	0.848 ppbv #	83
4) Chloromethane	3.14	50	32171	0.554 ppbv #	84
9) Propene	3.01	41	61980m	1.224 ppbv	
10) Heptane	8.10	43	67156m	0.540 ppbv	
11) Trichlorofluoromethane	3.94	101	30158m	0.240 ppbv	
13) Ethanol	3.59	45	743514	207.407 ppbv	89
15) Acetone	3.84	43	1521483	17.255 ppbv	94
17) tert-Butyl alcohol	4.30	59	32465m	0.479 ppbv	
19) Isopropyl Alcohol	3.95	45	744401	17.755 ppbv #	94
20) Methylene Chloride	4.33	84	99392	2.991 ppbv	96
26) Hexane	5.68	57	145391	1.550 ppbv #	51
30) Cyclohexane	7.11	84	15989m	0.204 ppbv	
34) 2-Butanone	5.23	43	171727	1.297 ppbv	96
35) Carbon Tetrachloride	7.01	117	8845m	0.052 ppbv	
36) Benzene	6.87	78	114042	0.513 ppbv #	93
41) Tetrahydrofuran	6.04	42	104418	1.173 ppbv	96
44) 2,2,4-Trimethylpentane	7.85	57	227755m	0.584 ppbv	
50) 4-Methyl-2-Pentanone	8.74	43	90497m	0.390 ppbv	
52) Tetrachloroethene	11.21	164	3236m	0.041 ppbv	
53) Toluene	9.78	91	1230880	4.944 ppbv	99
58) Ethyl Benzene	12.69	91	285648	0.890 ppbv	99
59) m/p-Xylene	12.95	91	900563	3.287 ppbv	92
60) o-Xylene	13.67	91	317353	1.231 ppbv	98
72) 4-Ethyltoluene	15.82	105	115719m	0.394 ppbv	
73) 1,3,5-Trimethylbenzene	15.98	105	70118m	0.265 ppbv	
74) 1,2,4-Trimethylbenzene	16.73	105	296431m	1.023 ppbv	
79) Naphthalene	22.17	128	30365m	0.129 ppbv	

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

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