

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_L\DATA\VL092821\
 Data File : VL037715.D
 Acq On : 28 Sep 2021 23:10
 Operator : SY/AP
 Sample : M3948-04DL 40X
 Misc : 400mL/MSVOA_L
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SV4DL

Manual Integrations
 APPROVED

Reviewed By :Semsettin Yesilyurt 09/30/2021
 Supervised By :Amit Patel 10/01/2021

Quant Time: Sep 29 20:56:18 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_L\METHODS\VL091621A
 Quant Title : AIR ANALYSIS BY METHOD T0-15 Instrument:
 QLast Update : Thu Sep 16 13:42:46 2021
 Response via : Initial Calibration

Supervised By
 : apatel
 10/1/2021 10:11:36 AM

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.67	49	1380395	10.00	ppbv	0.02
33) 1,4-Difluorobenzene	7.18	114	4071339	10.00	ppbv	0.02
55) Chlorobenzene-d5	12.09	117	3617605	10.00	ppbv	0.02

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.42	95	2858642	10.93	ppbv	0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	109.30%

Target Compounds

						Qvalue
9) Propene	3.02	41	641937	6.989	ppbv	90
10) Heptane	8.12	43	56514m	0.264	ppbv	
13) Ethanol	3.62	45	23494m	2.615	ppbv	
15) Acetone	3.85	43	5421657	37.802	ppbv	99
17) tert-Butyl alcohol	4.31	59	70954m	0.583	ppbv	
30) Cyclohexane	7.13	84	73598m	0.522	ppbv	
34) 2-Butanone	5.25	43	596278	3.604	ppbv	96
36) Benzene	6.90	78	218865	0.645	ppbv #	93
38) Trichloroethene	7.84	130	42839m	0.302	ppbv	
44) 2,2,4-Trimethylpentane	7.88	57	76213m	0.134	ppbv	
52) Tetrachloroethene	11.23	164	41558m	0.319	ppbv	
53) Toluene	9.81	91	102337m	0.271	ppbv	
58) Ethyl Benzene	12.71	91	123004m	0.256	ppbv	
59) m/p-Xylene	12.97	91	632528m	1.511	ppbv	
60) o-Xylene	13.69	91	298470	0.749	ppbv	98
62) Isopropylbenzene	14.67	105	175798	0.316	ppbv	100
64) n-propylbenzene	15.56	120	29928m	0.208	ppbv	
67) sec-Butylbenzene	17.30	105	71890	0.106	ppbv	97
69) p-Isopropyltoluene	17.65	119	122501	0.220	ppbv	98
72) 4-Ethyltoluene	15.83	105	95290m	0.208	ppbv	
73) 1,3,5-Trimethylbenzene	16.00	105	161967	0.380	ppbv	90
74) 1,2,4-Trimethylbenzene	16.76	105	424765	0.946	ppbv #	77

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

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