

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL040821\
 Data File : VL036756.D
 Acq On : 8 Apr 2021 18:40
 Operator : SY/AP
 Sample : M1981-03DL 10X
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SG-2DL

Manual Integrations
 APPROVED

MMDadoda
 4/12/2021 11:47:07 AM

Quant Time: Apr 09 12:20:30 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL032521AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Thu Mar 2
 QLast Update : Thu Mar 25 09:42:40 2021
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.66	49	1480359	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.17	114	3583690	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.09	117	2960578	10.00	ppbv	0.00

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.41	95	2127545	9.02	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	90.20%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
5) Vinyl Chloride	3.25	62	148117	1.474	ppbv	99
9) Propene	3.01	41	235739	2.674	ppbv	92
10) Heptane	8.12	43	248921	1.108	ppbv	96
13) Ethanol	3.61	45	47060m	4.482	ppbv	
15) Acetone	3.84	43	2145776	14.727	ppbv	99
20) Methylene Chloride	4.34	84	439254	6.439	ppbv	94
22) trans-1,2-Dichloroethene	4.88	96	16120m	0.248	ppbv	
26) Hexane	5.68	57	534644	3.326	ppbv #	48
27) Carbon Disulfide	4.55	76	101648m	0.642	ppbv	
30) Cyclohexane	7.12	84	148704	1.141	ppbv	89
31) cis-1,2-Dichloroethene	5.55	61	356134	2.291	ppbv	98
34) 2-Butanone	5.24	43	233806	1.337	ppbv	95
36) Benzene	6.89	78	258077	0.781	ppbv	98
38) Trichloroethene	7.83	130	501315	3.897	ppbv	94
44) 2,2,4-Trimethylpentane	7.87	57	3005170	5.166	ppbv #	75
52) Tetrachloroethene	11.23	164	6586m	0.054	ppbv	
53) Toluene	9.80	91	199908m	0.568	ppbv	
58) Ethyl Benzene	12.71	91	233544	0.542	ppbv	95
59) m/p-Xylene	12.96	91	538500	1.433	ppbv	95
60) o-Xylene	13.69	91	507562m	1.397	ppbv	
62) Isopropylbenzene	14.67	105	123609m	0.253	ppbv	
67) sec-Butylbenzene	17.29	105	77584	0.130	ppbv	98
69) p-Isopropyltoluene	17.66	119	116610	0.249	ppbv #	89
72) 4-Ethyltoluene	15.84	105	161675m	0.406	ppbv	
73) 1,3,5-Trimethylbenzene	16.00	105	247795	0.667	ppbv	95
74) 1,2,4-Trimethylbenzene	16.76	105	373734m	0.940	ppbv	

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

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