

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL040821\
 Data File : VL036762.D
 Acq On : 8 Apr 2021 23:10
 Operator : SY/AP
 Sample : M1981-04
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SG-1

Manual Integrations
 APPROVED

MMDadoda
 4/12/2021 11:47:37 AM

Quant Time: Apr 09 11:37:14 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	5.67	49	1289836	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.18	114	3205071	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.08	117	2622211	10.00	ppbv	-0.01

System Monitoring Compounds		R.T.	QIon	Response	Conc	Units	Dev(Min)
68) 1-Bromo-4-Fluorobenzene	14.41	95	1640501	7.85	ppbv	-0.01	
Spiked Amount	10.000	Range	65 - 135	Recovery	=	78.50%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
9) Propene	3.00	41	1348946	17.558	ppbv	96
10) Heptane	8.12	43	92539	0.473	ppbv	93
11) Trichlorofluoromethane	3.94	101	38251	0.178	ppbv	85
12) 1,1,2-Trichlorotrifluoroet	4.48	101	18946m	0.138	ppbv	
13) Ethanol	3.62	45	563224	61.563	ppbv	98
15) Acetone	3.85	43	18808092	148.154	ppbv #	80
19) Isopropyl Alcohol	3.98	45	324420	4.646	ppbv #	1
20) Methylene Chloride	4.35	84	4234230	71.237	ppbv	96
26) Hexane	5.68	57	3977076	28.395	ppbv #	47
27) Carbon Disulfide	4.54	76	348372	2.525	ppbv	98
30) Cyclohexane	7.13	84	60462m	0.532	ppbv	
31) cis-1,2-Dichloroethene	5.56	61	32255m	0.238	ppbv	
32) 1,1,1-Trichloroethane	6.51	97	12400m	0.055	ppbv	
34) 2-Butanone	5.24	43	2214945	14.158	ppbv	99
35) Carbon Tetrachloride	7.02	117	22350m	0.091	ppbv	
36) Benzene	6.89	78	952864	3.224	ppbv	100
38) Trichloroethene	7.83	130	22046m	0.192	ppbv	
44) 2,2,4-Trimethylpentane	7.87	57	240267m	0.462	ppbv	
50) 4-Methyl-2-Pentanone	8.74	43	557190	2.461	ppbv	98
51) 2-Hexanone	10.13	43	130364	1.141	ppbv #	92
52) Tetrachloroethene	11.22	164	7953m	0.073	ppbv	
53) Toluene	9.80	91	761616	2.419	ppbv	99
58) Ethyl Benzene	12.70	91	205450	0.539	ppbv	96
59) m/p-Xylene	12.96	91	378073m	1.136	ppbv	
60) o-Xylene	13.68	91	243348m	0.756	ppbv	
62) Isopropylbenzene	14.66	105	67098m	0.155	ppbv	
69) p-Isopropyltoluene	17.64	119	112240m	0.271	ppbv	
72) 4-Ethyltoluene	15.83	105	59625	0.169	ppbv #	82
73) 1,3,5-Trimethylbenzene	15.99	105	117574	0.357	ppbv	93
74) 1,2,4-Trimethylbenzene	16.75	105	187100	0.531	ppbv #	68
76) 1,4-Dichlorobenzene	17.13	146	28305m	0.144	ppbv	
79) Naphthalene	22.21	128	39604m	0.193	ppbv	

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

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