

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL033121\
 Data File : VL036617.D
 Acq On : 1 Apr 2021 1:28
 Operator : SY/AP
 Sample : M1841-04
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 PBS-SS-1

Manual Integrations
 APPROVED

MMDadoda
 4/2/2021 6:54:06 PM

Quant Time: Apr 02 15:45:09 2021
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL032521AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Thu Mar 25 2021
 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	5.69	49	1460296	10.00	ppbv	0.02
33) 1,4-Difluorobenzene	7.19	114	3403878	10.00	ppbv	0.02
55) Chlorobenzene-d5	12.11	117	3344565	10.00	ppbv	0.02

System Monitoring Compounds		R.T.	QIon	Response	Conc	Units	Dev(Min)
68) 1-Bromo-4-Fluorobenzene	14.44	95	2653481	9.95	ppbv	0.02	
Spiked Amount	10.000	Range	65 - 135	Recovery	=	99.50%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	3.05	85	44313	0.186	ppbv #	87
4) Chloromethane	3.14	50	24777m	0.257	ppbv	
9) Propene	3.02	41	201214	2.313	ppbv	89
10) Heptane	8.14	43	365743	1.651	ppbv	98
11) Trichlorofluoromethane	3.96	101	80168	0.330	ppbv	95
13) Ethanol	3.62	45	5219493	503.920	ppbv	93
15) Acetone	3.85	43	19853794	138.135	ppbv #	71
17) tert-Butyl alcohol	4.31	59	1550237	12.390	ppbv	98
19) Isopropyl Alcohol	3.99	45	10963454	138.666	ppbv #	1
20) Methylene Chloride	4.36	84	104755	1.557	ppbv	94
26) Hexane	5.70	57	1311561	8.271	ppbv #	50
27) Carbon Disulfide	4.56	76	37533	0.240	ppbv #	57
28) Methyl tert-Butyl Ether	5.05	73	23170	0.124	ppbv #	52
29) Chloroform	5.77	83	26588m	0.105	ppbv	
30) Cyclohexane	7.15	84	60155m	0.468	ppbv	
32) 1,1,1-Trichloroethane	6.54	97	40475	0.158	ppbv	97
34) 2-Butanone	5.26	43	3442308	20.718	ppbv	98
35) Carbon Tetrachloride	7.04	117	13440m	0.051	ppbv	
36) Benzene	6.91	78	460344	1.466	ppbv	94
44) 2,2,4-Trimethylpentane	7.88	57	699785m	1.267	ppbv	
52) Tetrachloroethene	11.24	164	61852m	0.535	ppbv	
53) Toluene	9.83	91	2634448	7.880	ppbv	99
58) Ethyl Benzene	12.73	91	1749305	3.595	ppbv	97
59) m/p-Xylene	12.99	91	5843338	13.768	ppbv	96
60) o-Xylene	13.72	91	2737180	6.670	ppbv	100
61) Styrene	13.55	104	111797	0.542	ppbv	94
62) Isopropylbenzene	14.69	105	221197	0.400	ppbv	99
64) n-propylbenzene	15.59	120	160651	1.189	ppbv	79
65) tert-Butylbenzene	16.79	119	388574	0.811	ppbv #	72
67) sec-Butylbenzene	17.32	105	159437m	0.236	ppbv	
69) p-Isopropyltoluene	17.68	119	117659	0.223	ppbv	95
70) n-Butylbenzene	18.59	91	255941	0.467	ppbv #	45
72) 4-Ethyltoluene	15.86	105	1085553	2.414	ppbv	99
73) 1,3,5-Trimethylbenzene	16.02	105	1160723	2.766	ppbv	97
74) 1,2,4-Trimethylbenzene	16.79	105	3419705	7.614	ppbv #	70
79) Naphthalene	22.24	128	86579m	0.330	ppbv	

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

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