

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL040221\
 Data File : VL036649.D
 Acq On : 2 Apr 2021 17:47
 Operator : SY/AP
 Sample : M1841-05
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 PBS-SS-3

Manual Integrations
 APPROVED

apatel
 4/5/2021 1:14:00 PM

Quant Time: Apr 04 16:27:31 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	1297712	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.18	114	3470962	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.09	117	3105998	10.00	ppbv	0.00

System Monitoring Compounds		R.T.	QIon	Response	Conc	Units	Dev(Min)
68) 1-Bromo-4-Fluorobenzene	14.41	95	2457462	9.93	ppbv	-0.02	
Spiked Amount	10.000	Range	65 - 135	Recovery	=	99.30%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	3.03	85	32076m	0.152	ppbv	
4) Chloromethane	3.13	50	24896	0.291	ppbv	91
9) Propene	3.01	41	448869m	5.807	ppbv	
10) Heptane	8.14	43	8930040	45.350	ppbv	95
11) Trichlorofluoromethane	3.94	101	55785	0.259	ppbv	98
13) Ethanol	3.61	45	2973304	323.024	ppbv	94
15) Acetone	3.83	43	9368360	73.348	ppbv #	1
17) tert-Butyl alcohol	4.30	59	978131	8.797	ppbv #	72
19) Isopropyl Alcohol	3.97	45	9233045	131.411	ppbv #	1
20) Methylene Chloride	4.34	84	2711403	45.340	ppbv	95
26) Hexane	5.70	57	18493520	131.238	ppbv #	46
27) Carbon Disulfide	4.55	76	135894	0.979	ppbv #	69
30) Cyclohexane	7.14	84	3737378	32.703	ppbv	94
34) 2-Butanone	5.24	43	2462684	14.535	ppbv	91
35) Carbon Tetrachloride	7.02	117	10246m	0.038	ppbv	
36) Benzene	6.89	78	7556358	23.605	ppbv	95
44) 2,2,4-Trimethylpentane	7.91	57	45050837m	79.962	ppbv	
52) Tetrachloroethene	11.23	164	17003m	0.144	ppbv	
53) Toluene	9.82	91	845945	2.481	ppbv	99
58) Ethyl Benzene	12.71	91	600355	1.329	ppbv	98
59) m/p-Xylene	12.96	91	1607220	4.078	ppbv	95
60) o-Xylene	13.68	91	796609	2.090	ppbv	99
61) Styrene	13.52	104	43062m	0.225	ppbv	
62) Isopropylbenzene	14.66	105	143337m	0.279	ppbv	
64) n-propylbenzene	15.55	120	68865m	0.549	ppbv	
65) tert-Butylbenzene	16.76	119	156360	0.351	ppbv #	66
67) sec-Butylbenzene	17.29	105	67697m	0.108	ppbv	
69) p-Isopropyltoluene	17.64	119	65794m	0.134	ppbv	
70) n-Butylbenzene	18.54	91	100434m	0.197	ppbv	
72) 4-Ethyltoluene	15.83	105	366784	0.878	ppbv	96
73) 1,3,5-Trimethylbenzene	15.99	105	474240	1.217	ppbv	95
74) 1,2,4-Trimethylbenzene	16.75	105	1431108	3.431	ppbv #	70
79) Naphthalene	22.20	128	32568	0.134	ppbv #	90

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

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