

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL040221\
 Data File : VL036651.D
 Acq On : 2 Apr 2021 19:06
 Operator : SY/AP
 Sample : M1841-07
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 PBS-SS-2

Manual Integrations
 APPROVED

apatel
 4/5/2021 1:14:04 PM

Quant Time: Apr 04 16:45:20 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	1249229	10.00	ppbv	-0.01
33) 1,4-Difluorobenzene	7.17	114	3281517	10.00	ppbv	-0.01
55) Chlorobenzene-d5	12.07	117	2841913	10.00	ppbv	-0.02

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.40	95	2378420	10.50	ppbv	-0.02
Spiked Amount	10.000	Range	65 - 135	Recovery	=	105.00%

Target Compounds

						Ovalue
2) Dichlorodifluoromethane	3.04	85	47455	0.233	ppbv	96
4) Chloromethane	3.13	50	41179	0.499	ppbv	90
5) Vinyl Chloride	3.25	62	10726	0.127	ppbv	98
9) Propene	3.00	41	435119	5.848	ppbv	83
10) Heptane	8.11	43	465459	2.456	ppbv	98
11) Trichlorofluoromethane	3.94	101	41138	0.198	ppbv	97
13) Ethanol	3.61	45	2515482	283.892	ppbv	91
15) Acetone	3.84	43	20415197	166.040	ppbv #	74
17) tert-Butyl alcohol	4.30	59	781869	7.305	ppbv	98
19) Isopropyl Alcohol	3.98	45	16359867	241.881	ppbv #	1
20) Methylene Chloride	4.34	84	2018864	35.070	ppbv	93
26) Hexane	5.67	57	2016342	14.864	ppbv #	48
27) Carbon Disulfide	4.54	76	291946	2.185	ppbv	95
28) Methyl tert-Butyl Ether	5.02	73	87150	0.545	ppbv	94
29) Chloroform	5.74	83	95793m	0.442	ppbv	
30) Cyclohexane	7.11	84	52562	0.478	ppbv #	81
34) 2-Butanone	5.23	43	1838005	11.475	ppbv	99
35) Carbon Tetrachloride	7.00	117	12245m	0.049	ppbv	
36) Benzene	6.88	78	384650m	1.271	ppbv	
38) Trichloroethene	7.82	130	10465m	0.089	ppbv	
41) Tetrahydrofuran	6.05	42	65183m	0.883	ppbv	
44) 2,2,4-Trimethylpentane	7.85	57	645153	1.211	ppbv	92
52) Tetrachloroethene	11.20	164	130181m	1.168	ppbv	
53) Toluene	9.79	91	1164540	3.613	ppbv	99
58) Ethyl Benzene	12.70	91	644775	1.559	ppbv	99
59) m/p-Xylene	12.95	91	2223881	6.167	ppbv	95
60) o-Xylene	13.68	91	1034470	2.967	ppbv	100
61) Styrene	13.51	104	52395m	0.299	ppbv	
62) Isopropylbenzene	14.66	105	104433m	0.222	ppbv	
64) n-propylbenzene	15.55	120	61563	0.536	ppbv	75
69) p-Isopropyltoluene	17.64	119	61842m	0.138	ppbv	
70) n-Butylbenzene	18.55	91	107852m	0.232	ppbv	
72) 4-Ethyltoluene	15.82	105	444636	1.164	ppbv	99
73) 1,3,5-Trimethylbenzene	15.99	105	484139	1.358	ppbv	98
74) 1,2,4-Trimethylbenzene	16.75	105	1431128	3.750	ppbv #	70
79) Naphthalene	22.19	128	29592m	0.133	ppbv	

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

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