

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL033121\
 Data File : VL036620.D
 Acq On : 1 Apr 2021 3:27
 Operator : SY/AP
 Sample : M1841-08
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 PBS-OA-1

Manual Integrations
 APPROVED

MMDadoda
 4/2/2021 6:54:12 PM

Quant Time: Apr 02 15:48:51 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	1532582	10.00	ppbv	0.02
33) 1,4-Difluorobenzene	7.20	114	3445570	10.00	ppbv	0.02
55) Chlorobenzene-d5	12.11	117	3145442	10.00	ppbv	0.02

System Monitoring Compounds		R.T.	QIon	Response	Conc	Units	Dev(Min)
68) 1-Bromo-4-Fluorobenzene	14.44	95	2476464	9.88	ppbv	0.02	
Spiked Amount	10.000	Range	65 - 135	Recovery	=	98.80%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	3.06	85	59744	0.239	ppbv	98
3) Chlorodifluoromethane	3.00	51	92129	0.322	ppbv #	91
4) Chloromethane	3.15	50	45158	0.446	ppbv #	87
9) Propene	3.02	41	240336m	2.633	ppbv	
10) Heptane	8.14	43	94039	0.404	ppbv	93
11) Trichlorofluoromethane	3.96	101	42584	0.167	ppbv	92
13) Ethanol	3.62	45	1571907	144.603	ppbv	94
15) Acetone	3.86	43	21707820	143.911	ppbv #	69
17) tert-Butyl alcohol	4.31	59	2073023	15.787	ppbv	97
19) Isopropyl Alcohol	3.99	45	616997	7.436	ppbv #	89
20) Methylene Chloride	4.36	84	846931	11.992	ppbv	93
26) Hexane	5.70	57	1646915	9.896	ppbv #	47
28) Methyl tert-Butyl Ether	5.05	73	30852	0.157	ppbv #	83
30) Cyclohexane	7.15	84	47869m	0.355	ppbv	
34) 2-Butanone	5.26	43	3033819	18.038	ppbv	98
35) Carbon Tetrachloride	7.04	117	15794m	0.060	ppbv	
36) Benzene	6.92	78	107393m	0.338	ppbv	
41) Tetrahydrofuran	6.09	42	67348m	0.868	ppbv	
44) 2,2,4-Trimethylpentane	7.89	57	351535	0.629	ppbv #	82
52) Tetrachloroethene	11.25	164	4324m	0.037	ppbv	
53) Toluene	9.83	91	1932679	5.711	ppbv	99
58) Ethyl Benzene	12.73	91	315207	0.689	ppbv	100
59) m/p-Xylene	12.99	91	1203698	3.016	ppbv	95
60) o-Xylene	13.72	91	632316	1.638	ppbv	100
61) Styrene	13.55	104	22445m	0.116	ppbv	
62) Isopropylbenzene	14.69	105	60332m	0.116	ppbv	
64) n-propylbenzene	15.60	120	35774m	0.282	ppbv	
70) n-Butylbenzene	18.58	91	80405m	0.156	ppbv	
72) 4-Ethyltoluene	15.87	105	257360m	0.609	ppbv	
73) 1,3,5-Trimethylbenzene	16.02	105	324215	0.821	ppbv	97
74) 1,2,4-Trimethylbenzene	16.79	105	1095515	2.594	ppbv #	67
79) Naphthalene	22.24	128	43578m	0.177	ppbv	

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

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