

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL070620\
 Data File : VL035154.D
 Acq On : 6 Jul 2020 20:28
 Operator : SY/AP
 Sample : L3190-03
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 EXHAUST-02

Manual Integrations
 APPROVED

MMDadoda
 7/9/2020 12:00:58 PM

Quant Time: Jul 07 10:38:29 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL061920AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Sat Jun 20 2020
 QLast Update : Sat Jun 20 02:10:36 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.65	49	1015930	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.18	114	2415115	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.10	117	2310395	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.44	95	1981437	10.32	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	103.20%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	3.00	85	33781	0.246	ppbv #	88
3) Chlorodifluoromethane	2.94	51	50012m	0.446	ppbv	
4) Chloromethane	3.09	50	41409	0.658	ppbv	97
5) Vinyl Chloride	3.21	62	6275m	0.105	ppbv	
9) Propene	2.96	41	699532	15.741	ppbv	91
10) Heptane	8.12	43	31348m	0.272	ppbv	
11) Trichlorofluoromethane	3.91	101	18895m	0.129	ppbv	
13) Ethanol	3.57	45	773313	46.063	ppbv	99
15) Acetone	3.81	43	7330986	59.685	ppbv #	79
17) tert-Butyl alcohol	4.27	59	1532470	14.078	ppbv	98
19) Isopropyl Alcohol	3.94	45	490214	6.147	ppbv #	93
20) Methylene Chloride	4.31	84	5293586	106.486	ppbv	85
26) Hexane	5.67	57	2756780	27.584	ppbv #	46
27) Carbon Disulfide	4.52	76	1812467	17.524	ppbv	98
29) Chloroform	5.74	83	24245	0.155	ppbv	96
34) 2-Butanone	5.23	43	295956	2.134	ppbv	98
35) Carbon Tetrachloride	7.02	117	10707m	0.074	ppbv	
36) Benzene	6.89	78	3776157	20.192	ppbv	97
37) 1,2-Dichloroethane	6.30	62	14164	0.120	ppbv	98
39) 1,2-Dichloropropane	7.61	63	32321	0.442	ppbv	91
44) 2,2,4-Trimethylpentane	7.87	57	69771	0.214	ppbv #	82
52) Tetrachloroethene	11.24	164	7370m	0.112	ppbv	
53) Toluene	9.82	91	578290	2.899	ppbv	98
58) Ethyl Benzene	12.73	91	81807m	0.315	ppbv	
59) m/p-Xylene	12.99	91	148880m	0.647	ppbv	
60) o-Xylene	13.71	91	71390m	0.312	ppbv	
61) Styrene	13.55	104	27453m	0.190	ppbv	
62) Isopropylbenzene	14.69	105	316349	0.926	ppbv	97
69) p-Isopropyltoluene	17.69	119	57163m	0.171	ppbv	
72) 4-Ethyltoluene	15.86	105	33266m	0.131	ppbv	
73) 1,3,5-Trimethylbenzene	16.02	105	44694m	0.186	ppbv	
74) 1,2,4-Trimethylbenzene	16.79	105	121698m	0.453	ppbv	
79) Naphthalene	22.25	128	120338m	0.511	ppbv	

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

