

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL070820\
 Data File : VL035178.D
 Acq On : 8 Jul 2020 10:43
 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 12:02:46 PM

Quant Time: Jul 09 11:08:28 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL070820AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Jul 08
 QLast Update : Wed Jul 08 07:05:23 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.66	49	1009934	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.18	114	2312185	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.11	117	2375238	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.45	95	1979530	10.26	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	102.60%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	3.00	85	29959	0.212	ppbv	96
3) Chlorodifluoromethane	2.92	51	626403	5.615	ppbv #	59
4) Chloromethane	3.10	50	49472m	0.787	ppbv	
9) Propene	2.96	41	715255	16.966	ppbv	94
10) Heptane	8.12	43	37320m	0.345	ppbv	
11) Trichlorofluoromethane	3.92	101	26625	0.167	ppbv #	82
13) Ethanol	3.57	45	957375	71.326	ppbv	92
15) Acetone	3.81	43	7688065	56.229	ppbv #	76
17) tert-Butyl alcohol	4.27	59	1634474	13.510	ppbv	99
19) Isopropyl Alcohol	3.94	45	522442	6.334	ppbv #	92
20) Methylene Chloride	4.32	84	5862009	98.534	ppbv #	86
26) Hexane	5.67	57	3507877	37.496	ppbv #	46
27) Carbon Disulfide	4.52	76	1776388	13.598	ppbv	99
29) Chloroform	5.75	83	29871m	0.190	ppbv	
34) 2-Butanone	5.23	43	313863	2.543	ppbv	99
35) Carbon Tetrachloride	7.02	117	14985m	0.100	ppbv	
36) Benzene	6.89	78	3930757	23.489	ppbv	100
37) 1,2-Dichloroethane	6.31	62	17274	0.154	ppbv	97
38) Trichloroethene	7.84	130	3980m	0.058	ppbv	
39) 1,2-Dichloropropane	7.61	63	37850m	0.569	ppbv	
41) Tetrahydrofuran	6.05	42	22464m	0.364	ppbv	
44) 2,2,4-Trimethylpentane	7.88	57	91628m	0.317	ppbv	
52) Tetrachloroethene	11.25	164	9270m	0.148	ppbv	
53) Toluene	9.82	91	602970	3.414	ppbv	99
58) Ethyl Benzene	12.73	91	91985m	0.350	ppbv	
59) m/p-Xylene	12.99	91	174816m	0.747	ppbv	
60) o-Xylene	13.72	91	81691m	0.350	ppbv	
61) Styrene	13.56	104	30735m	0.213	ppbv	
62) Isopropylbenzene	14.70	105	325399	0.940	ppbv	97
69) p-Isopropyltoluene	17.70	119	65380m	0.184	ppbv	
73) 1,3,5-Trimethylbenzene	16.03	105	57140m	0.225	ppbv	
74) 1,2,4-Trimethylbenzene	16.80	105	147889	0.528	ppbv #	65
79) Naphthalene	22.25	128	143771m	0.793	ppbv	

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

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