

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL062220\
 Data File : VL035109.D
 Acq On : 22 Jun 2020 13:40
 Operator : SY/AP
 Sample : L3075-02
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 EXHAUST-01

Manual Integrations
 APPROVED

MMDadoda
 6/23/2020 10:59:14 AM

Quant Time: Jun 22 14:23:03 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	5.69	49	1265851	10.00	ppbv	0.04
33) 1,4-Difluorobenzene	7.20	114	2914208	10.00	ppbv	0.03
55) Chlorobenzene-d5	12.12	117	2734493	10.00	ppbv	0.01

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.46	95	2326562	10.24	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	102.40%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	3.01	85	28574m	0.167	ppbv	
3) Chlorodifluoromethane	2.95	51	62619	0.448	ppbv #	90
4) Chloromethane	3.10	50	52199m	0.666	ppbv	
9) Propene	2.97	41	1114260	20.123	ppbv	97
10) Heptane	8.16	43	33379m	0.233	ppbv	
11) Trichlorofluoromethane	3.92	101	41041	0.225	ppbv	85
13) Ethanol	3.58	45	1190095	56.893	ppbv	99
15) Acetone	3.82	43	2879239	18.813	ppbv	96
17) tert-Butyl alcohol	4.29	59	232684	1.716	ppbv	96
19) Isopropyl Alcohol	3.95	45	1271503	12.795	ppbv #	1
20) Methylene Chloride	4.32	84	2223117	35.891	ppbv	92
26) Hexane	5.71	57	1539608	12.364	ppbv #	40
27) Carbon Disulfide	4.58	76	54365739	421.866	ppbv #	1
29) Chloroform	5.78	83	123968	0.636	ppbv #	71
31) cis-1,2-Dichloroethene	5.57	61	52342m	0.456	ppbv	
34) 2-Butanone	5.26	43	366398	2.189	ppbv	99
35) Carbon Tetrachloride	7.05	117	15834m	0.091	ppbv	
36) Benzene	6.93	78	575027	2.548	ppbv	97
37) 1,2-Dichloroethane	6.33	62	156907	1.100	ppbv	99
38) Trichloroethene	7.87	130	6149m	0.070	ppbv	
41) Tetrahydrofuran	6.09	42	47844m	0.560	ppbv	
47) 1,1,2-Trichloroethane	9.50	97	135970m	1.412	ppbv	
53) Toluene	9.83	91	341562	1.419	ppbv	99
58) Ethyl Benzene	12.74	91	304192m	0.990	ppbv	
59) m/p-Xylene	13.00	91	899751	3.304	ppbv	100
60) o-Xylene	13.73	91	587077	2.166	ppbv	99
61) Styrene	13.56	104	448521	2.629	ppbv	100
73) 1,3,5-Trimethylbenzene	16.03	105	52112m	0.183	ppbv	
74) 1,2,4-Trimethylbenzene	16.80	105	125203	0.394	ppbv #	60
79) Naphthalene	22.28	128	33346m	0.120	ppbv	
80) Naphthalene,2-methyl-	25.02	142	12368	0.116	ppbv #	84

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

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