

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL063020\
 Data File : VL035132.D
 Acq On : 30 Jun 2020 19:36
 Operator : SY/AP
 Sample : L3124-01
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 INFLUENT

Manual Integrations
 APPROVED

MMDadoda
 7/2/2020 5:00:43 PM

Quant Time: Jul 01 04:42:54 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	5.67	49	1241791	10.00	ppbv	0.02
33) 1,4-Difluorobenzene	7.19	114	2895660	10.00	ppbv	0.02
55) Chlorobenzene-d5	12.12	117	2720334	10.00	ppbv	0.01

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.46	95	2292397	10.14	ppbv	0.01
Spiked Amount	10.000	Range	65 - 135	Recovery	=	101.40%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	3.01	85	43248	0.258	ppbv	92
3) Chlorodifluoromethane	2.95	51	46324m	0.338	ppbv	
4) Chloromethane	3.10	50	37638	0.489	ppbv	100
7) Chloroethane	3.53	64	14408	0.522	ppbv #	86
9) Propene	2.97	41	1053287	19.390	ppbv	96
10) Heptane	8.14	43	31042m	0.221	ppbv	
11) Trichlorofluoromethane	3.93	101	76936	0.429	ppbv	97
12) 1,1,2-Trichlorotrifluoroet	4.47	101	116200	0.938	ppbv	98
13) Ethanol	3.59	45	1990891	97.019	ppbv	99
15) Acetone	3.82	43	5157454	34.352	ppbv #	67
17) tert-Butyl alcohol	4.29	59	433119	3.255	ppbv	98
18) 1,1-Dichloroethene	4.27	96	52663	0.943	ppbv #	88
19) Isopropyl Alcohol	3.95	45	5857120	60.082	ppbv #	97
20) Methylene Chloride	4.33	84	860739	14.165	ppbv	96
22) trans-1,2-Dichloroethene	4.87	96	35803	0.685	ppbv #	77
24) 1,1-Dichloroethane	5.00	63	1230851	8.011	ppbv	98
26) Hexane	5.68	57	510833	4.182	ppbv #	40
29) Chloroform	5.76	83	43994	0.230	ppbv	94
32) 1,1,1-Trichloroethane	6.52	97	5988576	33.775	ppbv	97
34) 2-Butanone	5.23	43	10948890	65.842	ppbv #	83
35) Carbon Tetrachloride	7.03	117	11697m	0.067	ppbv	
36) Benzene	6.91	78	47987m	0.214	ppbv	
38) Trichloroethene	7.86	130	21132m	0.243	ppbv	
41) Tetrahydrofuran	6.05	42	474688	5.589	ppbv	96
44) 2,2,4-Trimethylpentane	7.88	57	150009	0.383	ppbv #	87
50) 4-Methyl-2-Pentanone	8.76	43	108138	0.458	ppbv	98
51) 2-Hexanone	10.16	43	1727353	9.336	ppbv #	99
52) Tetrachloroethene	11.26	164	17862m	0.226	ppbv	
53) Toluene	9.83	91	172814	0.723	ppbv	98
58) Ethyl Benzene	12.75	91	32863m	0.108	ppbv	
59) m/p-Xylene	13.01	91	70905m	0.262	ppbv	
60) o-Xylene	13.73	91	30381m	0.113	ppbv	
74) 1,2,4-Trimethylbenzene	16.81	105	58510m	0.185	ppbv	
75) 1,3-Dichlorobenzene	17.04	146	71510	0.379	ppbv #	74
80) Naphthalene,2-methyl-	25.02	142	7541	0.071	ppbv #	82

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

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