

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL090320\
 Data File : VL035537.D
 Acq On : 3 Sep 2020 19:14
 Operator : SY/AP
 Sample : L3898-03
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 IA-3

Manual Integrations
 APPROVED

MMDadoda
 9/8/2020 5:12:42 PM

Quant Time: Sep 05 15:07:33 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL082720AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Thu Aug 27 2020
 QLast Update : Thu Aug 27 06:46:28 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.71	49	1040355	10.00	ppbv	0.02
33) 1,4-Difluorobenzene	7.21	114	4414299	10.00	ppbv	0.02
55) Chlorobenzene-d5	12.12	117	4401286	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.46	95	3237810	10.36	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	103.60%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	3.06	85	63909	0.354	ppbv	96
3) Chlorodifluoromethane	3.00	51	63267m	0.550	ppbv	
4) Chloromethane	3.15	50	32320	0.524	ppbv #	87
9) Propene	3.03	41	429590	9.685	ppbv #	63
10) Heptane	8.15	43	39912	0.335	ppbv	99
11) Trichlorofluoromethane	3.96	101	389766	1.482	ppbv	95
13) Ethanol	3.63	45	1943613	176.721	ppbv	98
15) Acetone	3.88	43	17813556	155.250	ppbv #	48
19) Isopropyl Alcohol	4.00	45	438962	6.413	ppbv #	93
20) Methylene Chloride	4.38	84	906897	10.612	ppbv	97
26) Hexane	5.71	57	479571	4.175	ppbv #	56
29) Chloroform	5.79	83	22681	0.097	ppbv	99
30) Cyclohexane	7.15	84	33204m	0.270	ppbv	
32) 1,1,1-Trichloroethane	6.55	97	7543m	0.033	ppbv	
34) 2-Butanone	5.28	43	245548	1.874	ppbv	99
35) Carbon Tetrachloride	7.05	117	15505m	0.070	ppbv	
36) Benzene	6.93	78	133028	0.466	ppbv #	92
38) Trichloroethene	7.87	130	5345m	0.032	ppbv	
41) Tetrahydrofuran	6.09	42	19636m	0.283	ppbv	
44) 2,2,4-Trimethylpentane	7.90	57	206921	0.550	ppbv #	79
50) 4-Methyl-2-Pentanone	8.79	43	51180m	0.270	ppbv	
52) Tetrachloroethene	11.26	164	22285m	0.133	ppbv	
53) Toluene	9.84	91	2288195	6.368	ppbv	98
58) Ethyl Benzene	12.75	91	181475	0.400	ppbv	93
59) m/p-Xylene	13.01	91	619729	1.634	ppbv	96
60) o-Xylene	13.73	91	225825	0.591	ppbv	98
69) p-Isopropyltoluene	17.70	119	178582	0.268	ppbv	94
72) 4-Ethyltoluene	15.88	105	78138	0.161	ppbv #	89
73) 1,3,5-Trimethylbenzene	16.04	105	87321	0.194	ppbv #	83
74) 1,2,4-Trimethylbenzene	16.81	105	308003	0.624	ppbv #	70
76) 1,4-Dichlorobenzene	17.18	146	44026	0.122	ppbv	94
79) Naphthalene	22.26	128	1836899	3.356	ppbv	96
80) Naphthalene,2-methyl-	25.02	142	154814	0.829	ppbv	100

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

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