

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL082020\
 Data File : VL035488.D
 Acq On : 21 Aug 2020 7:28
 Operator : SY/AP
 Sample : L3743-04DUP
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SSMP-4DUP

Manual Integrations
 APPROVED

MMDadoda
 8/21/2020 11:24:55 AM

Quant Time: Aug 21 09:32:14 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL081720AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Mon Aug 1
 QLast Update : Mon Aug 17 19:28:30 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.67	49	1044225	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.19	114	4702937	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.10	117	4645123	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.43	95	3360805	10.33	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	103.30%

Target Compounds					Ovalue
2) Dichlorodifluoromethane	3.04	85	64864	0.335	ppbv 97
4) Chloromethane	3.14	50	27393	0.402	ppbv # 87
9) Propene	3.01	41	695952	13.224	ppbv # 76
10) Heptane	8.13	43	130353	0.945	ppbv # 80
11) Trichlorofluoromethane	3.95	101	141545	0.466	ppbv 99
13) Ethanol	3.62	45	4872894	252.730	ppbv 95
15) Acetone	3.84	43	3711845	30.883	ppbv # 79
17) tert-Butyl alcohol	4.32	59	202680	1.305	ppbv 99
19) Isopropyl Alcohol	3.99	45	659462	7.961	ppbv # 1
20) Methylene Chloride	4.34	84	2121691	21.879	ppbv # 65
26) Hexane	5.69	57	1005689	7.620	ppbv # 30
27) Carbon Disulfide	4.55	76	119981	0.629	ppbv # 88
29) Chloroform	5.76	83	253806	0.957	ppbv 98
30) Cyclohexane	7.14	84	98295	0.671	ppbv # 60
32) 1,1,1-Trichloroethane	6.52	97	25438	0.102	ppbv 92
34) 2-Butanone	5.25	43	759478	4.833	ppbv # 74
35) Carbon Tetrachloride	7.02	117	26630	0.106	ppbv 95
36) Benzene	6.90	78	398037	1.153	ppbv # 91
38) Trichloroethene	7.84	130	10628682	55.357	ppbv 90
41) Tetrahydrofuran	6.06	42	196627	2.269	ppbv # 61
44) 2,2,4-Trimethylpentane	7.88	57	332636m	0.738	ppbv
50) 4-Methyl-2-Pentanone	8.77	43	81365	0.361	ppbv # 82
51) 2-Hexanone	10.16	43	71790m	0.378	ppbv
52) Tetrachloroethene	11.24	164	7918567	37.610	ppbv 93
53) Toluene	9.82	91	2945854	6.626	ppbv 100
58) Ethyl Benzene	12.73	91	689633	1.230	ppbv 93
59) m/p-Xylene	12.99	91	2190924	4.622	ppbv # 84
60) o-Xylene	13.71	91	841869	1.827	ppbv 89
61) Styrene	13.55	104	182416m	0.490	ppbv
62) Isopropylbenzene	14.69	105	81386	0.108	ppbv 93
64) n-propylbenzene	15.58	120	98559	0.423	ppbv 70
69) p-Isopropyltoluene	17.56	119	123011	0.144	ppbv 94
70) n-Butylbenzene	18.58	91	368810m	0.456	ppbv
72) 4-Ethyltoluene	15.86	105	611606	1.012	ppbv # 93
73) 1,3,5-Trimethylbenzene	16.02	105	612472	1.089	ppbv 88
74) 1,2,4-Trimethylbenzene	16.78	105	2438939	3.990	ppbv # 71
79) Naphthalene	22.23	128	1055184	1.226	ppbv 97
80) Naphthalene,2-methyl-	24.99	142	339601	0.955	ppbv 96

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

