

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL062419\
 Data File : VL033944.D
 Acq On : 24 Jun 2019 19:58
 Operator : SY/AP
 Sample : K3481-01
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 TZC-SSDS-AREA-A-1

Manual Integrations
 APPROVED

MMDadoda
 7/1/2019 5:01:25 PM

Quant Time: Jun 25 21:32:37 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL060719AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Fri Jun 0
 QLast Update : Fri Jun 07 08:53:27 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.77	49	945301	10.00	ppbv	0.01
33) 1,4-Difluorobenzene	7.29	114	2349872	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.22	117	2608135	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	14.56	95	2183751	10.19	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	101.90%

Target Compounds

	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	3.06	85	49502	0.323	ppbv	91
3) Chlorodifluoromethane	3.00	51	153584m	1.380	ppbv	
4) Chloromethane	3.17	50	14119m	0.222	ppbv	
7) Chloroethane	3.59	64	10884m	0.467	ppbv	
9) Propene	3.03	41	131328	3.154	ppbv	87
10) Heptane	8.24	43	3329136	31.631	ppbv	96
11) Trichlorofluoromethane	3.99	101	381743	1.929	ppbv	95
12) 1,1,2-Trichlorotrifluoroet	4.53	101	10984m	0.082	ppbv	
13) Ethanol	3.66	45	898463	66.317	ppbv	97
15) Acetone	3.89	43	31693590m	229.883	ppbv	
17) tert-Butyl alcohol	4.37	59	12779155	118.573	ppbv	97
19) Isopropyl Alcohol	4.04	45	687402	8.728	ppbv #	94
20) Methylene Chloride	4.42	84	77109	1.434	ppbv #	86
26) Hexane	5.76	57	514441	5.381	ppbv #	40
27) Carbon Disulfide	4.61	76	355913	2.680	ppbv	97
29) Chloroform	5.86	83	25245m	0.154	ppbv	
30) Cyclohexane	7.22	84	66840m	0.990	ppbv	
34) 2-Butanone	5.32	43	7826804	59.041	ppbv	95
35) Carbon Tetrachloride	7.13	117	10993m	0.061	ppbv	
36) Benzene	7.00	78	4633993	25.816	ppbv	97
38) Trichloroethene	7.95	130	3918m	0.056	ppbv	
50) 4-Methyl-2-Pentanone	8.86	43	1490189	7.538	ppbv	100
51) 2-Hexanone	10.28	43	249968	1.619	ppbv #	100
52) Tetrachloroethene	11.35	164	100864	1.597	ppbv	89
53) Toluene	9.94	91	18313528	92.194	ppbv	87
58) Ethyl Benzene	12.85	91	8782313	29.867	ppbv	95
59) m/p-Xylene	13.11	91	24116331	90.188	ppbv	86
60) o-Xylene	13.84	91	15088731	54.652	ppbv	90
61) Styrene	13.70	104	34373665m	192.389	ppbv	
62) Isopropylbenzene	14.81	105	3622592	9.735	ppbv	98
64) n-propylbenzene	15.70	120	670977	7.041	ppbv	95
70) n-Butylbenzene	18.69	91	139611	0.317	ppbv #	91
72) 4-Ethyltoluene	15.98	105	310857	0.989	ppbv #	89
73) 1,3,5-Trimethylbenzene	16.14	105	94353	0.305	ppbv	92
74) 1,2,4-Trimethylbenzene	16.90	105	328548	0.921	ppbv #	77
76) 1,4-Dichlorobenzene	17.29	146	22869m	0.112	ppbv	

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

