

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL040419\
 Data File : VL033558.D
 Acq On : 5 Apr 2019 9:07
 Operator : SY/AP
 Sample : K2226-01
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SV1

Manual Integrations
 APPROVED

MMDadoda
 4/8/2019 3:22:36 AM

Quant Time: Apr 05 10:06:03 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL032519AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Tue Mar 26 2019
 QLast Update : Tue Mar 26 16:00:50 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.76	49	933018	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.29	114	2443468	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.23	117	2880746	10.00	ppbv	0.00

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.57	95	2177015	9.64	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	96.40%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	3.08	85	25931	0.191	ppbv	91
4) Chloromethane	3.17	50	30944	0.544	ppbv	99
9) Propene	3.03	41	130261	2.888	ppbv	97
10) Heptane	8.24	43	832906	6.908	ppbv	100
11) Trichlorofluoromethane	4.00	101	40060m	0.239	ppbv	
13) Ethanol	3.66	45	327796	28.081	ppbv	65
15) Acetone	3.89	43	5133119	45.755	ppbv	91
17) tert-Butyl alcohol	4.37	59	36006m	1.746	ppbv	
19) Isopropyl Alcohol	4.04	45	177823m	2.506	ppbv	
20) Methylene Chloride	4.40	84	360189	7.564	ppbv	96
26) Hexane	5.77	57	459188	4.962	ppbv #	39
29) Chloroform	5.85	83	1378300	8.688	ppbv	99
30) Cyclohexane	7.24	84	280564	3.832	ppbv	95
34) 2-Butanone	5.32	43	1029594	7.013	ppbv	96
36) Benzene	6.99	78	87439	0.426	ppbv	97
52) Tetrachloroethene	11.37	164	49270m	0.637	ppbv	
53) Toluene	9.94	91	1499167	6.292	ppbv	99
58) Ethyl Benzene	12.86	91	1095095	2.847	ppbv	97
59) m/p-Xylene	13.11	91	3609110	10.503	ppbv #	100
60) o-Xylene	13.84	91	1491638	4.489	ppbv	97
61) Styrene	13.68	104	64554	0.283	ppbv	96
62) Isopropylbenzene	14.82	105	228281	0.485	ppbv	100
69) p-Isopropyltoluene	17.81	119	47233	0.098	ppbv	97
72) 4-Ethyltoluene	16.00	105	202010	0.541	ppbv	99
73) 1,3,5-Trimethylbenzene	16.15	105	223751	0.626	ppbv	96
74) 1,2,4-Trimethylbenzene	16.92	105	637872	1.665	ppbv #	69

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

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