

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL071119\
 Data File : VL034031.D
 Acq On : 12 Jul 2019 00:09
 Operator : SY/AP
 Sample : K3747-02RE 3.2X
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SVS-2RE

Manual Integrations
 APPROVED

MMDadoda
 7/12/2019 10:47:21 PM

Quant Time: Jul 12 08:16:45 2019
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL070219AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Tue Jul 0
 QLast Update : Tue Jul 02 19:31:31 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.72	49	820977	10.00	ppbv	-0.02
33) 1,4-Difluorobenzene	7.25	114	2205897	10.00	ppbv	-0.02
55) Chlorobenzene-d5	12.19	117	2259723	10.00	ppbv	-0.01

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.53	95	1815623	9.42	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	94.20%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	3.06	85	17971	0.106	ppbv	91
3) Chlorodifluoromethane	2.99	51	15593m	0.154	ppbv	
4) Chloromethane	3.16	50	8833m	0.152	ppbv	
10) Heptane	8.21	43	19462m	0.208	ppbv	
13) Ethanol	3.64	45	70119m	6.052	ppbv	
15) Acetone	3.88	43	322472	2.336	ppbv	92
17) tert-Butyl alcohol	4.35	59	35625m	0.324	ppbv	
20) Methylene Chloride	4.38	84	20413m	0.339	ppbv	
26) Hexane	5.74	57	39364m	0.456	ppbv	
27) Carbon Disulfide	4.59	76	22910m	0.156	ppbv	
29) Chloroform	5.81	83	41665	0.257	ppbv #	80
31) cis-1,2-Dichloroethene	5.61	61	66627	0.798	ppbv	87
34) 2-Butanone	5.31	43	33756	0.289	ppbv #	90
36) Benzene	6.96	78	40547m	0.235	ppbv	
38) Trichloroethene	7.92	130	56775	0.739	ppbv	91
52) Tetrachloroethene	11.33	164	17112m	0.230	ppbv	
53) Toluene	9.90	91	660329	3.342	ppbv	99
58) Ethyl Benzene	12.82	91	123887m	0.456	ppbv	
59) m/p-Xylene	13.08	91	610844	2.483	ppbv	99
60) o-Xylene	13.80	91	200416	0.814	ppbv	96
65) tert-Butylbenzene	16.88	119	43669m	0.136	ppbv	
72) 4-Ethyltoluene	15.95	105	109596m	0.347	ppbv	
73) 1,3,5-Trimethylbenzene	16.12	105	71904	0.244	ppbv	91
74) 1,2,4-Trimethylbenzene	16.88	105	378283	1.161	ppbv #	73
79) Naphthalene	22.36	128	68407m	0.250	ppbv	
80) Naphthalene, 2-methyl-	25.08	142	12721m	0.128	ppbv	

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

