

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL071119\
 Data File : VL034024.D
 Acq On : 11 Jul 2019 19:24
 Operator : SY/AP
 Sample : K3747-02
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SVS-2

Manual Integrations
 APPROVED

MMDadoda
 7/12/2019 10:47:04 PM

Quant Time: Jul 12 07:48:37 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	1428143	10.00	ppbv	-0.02
33) 1,4-Difluorobenzene	7.25	114	3783514	10.00	ppbv	-0.01
55) Chlorobenzene-d5	12.19	117	3751578	10.00	ppbv	-0.01

System Monitoring Compounds		R.T.	QIon	Response	Conc	Units	Dev(Min)
68) 1-Bromo-4-Fluorobenzene		14.53	95	2086805	6.52	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	65.20%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	3.06	85	29154	0.099	ppbv	98
3) Chlorodifluoromethane	3.00	51	37551m	0.213	ppbv	
4) Chloromethane	3.16	50	23439m	0.231	ppbv	
10) Heptane	8.20	43	126020m	0.776	ppbv	
11) Trichlorofluoromethane	3.98	101	50628	0.153	ppbv	100
13) Ethanol	3.63	45	205718	10.207	ppbv	97
15) Acetone	3.88	43	1129099	4.702	ppbv	96
17) tert-Butyl alcohol	4.34	59	107199	0.560	ppbv #	92
20) Methylene Chloride	4.38	84	70964	0.678	ppbv #	86
26) Hexane	5.74	57	217108	1.445	ppbv #	44
27) Carbon Disulfide	4.59	76	81020m	0.317	ppbv	
29) Chloroform	5.81	83	223343	0.791	ppbv	88
30) Cyclohexane	7.21	84	20004m	0.172	ppbv	
31) cis-1,2-Dichloroethene	5.60	61	375889m	2.589	ppbv	
34) 2-Butanone	5.30	43	195765	0.978	ppbv	98
36) Benzene	6.96	78	213366	0.721	ppbv #	93
38) Trichloroethene	7.92	130	399129	3.030	ppbv	95
44) 2,2,4-Trimethylpentane	7.95	57	137054m	0.268	ppbv	
50) 4-Methyl-2-Pentanone	8.85	43	81060m	0.273	ppbv	
52) Tetrachloroethene	11.33	164	95704m	0.751	ppbv	
53) Toluene	9.90	91	4167731	12.298	ppbv	100
58) Ethyl Benzene	12.82	91	961196	2.131	ppbv	94
59) m/p-Xylene	13.07	91	3770732m	9.231	ppbv	
60) o-Xylene	13.80	91	892939	2.185	ppbv	97
64) n-propylbenzene	15.67	120	61781m	0.379	ppbv	
65) tert-Butylbenzene	16.88	119	182633	0.342	ppbv #	67
69) p-Isopropyltoluene	17.77	119	66204m	0.107	ppbv	
70) n-Butylbenzene	18.67	91	161770m	0.249	ppbv	
72) 4-Ethyltoluene	15.95	105	510548	0.973	ppbv	98
73) 1,3,5-Trimethylbenzene	16.11	105	369263	0.756	ppbv	98
74) 1,2,4-Trimethylbenzene	16.88	105	1682493	3.111	ppbv #	75
75) 1,3-Dichlorobenzene	17.11	146	42186m	0.123	ppbv	
79) Naphthalene	22.36	128	289012m	0.636	ppbv	
80) Naphthalene,2-methyl-	25.08	142	39576	0.239	ppbv #	80

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

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