

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL071119\
 Data File : VL034021.D
 Acq On : 11 Jul 2019 17:23
 Operator : SY/AP
 Sample : K3747-01
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SVS-1

Manual Integrations
 APPROVED

MMDadoda
 7/12/2019 10:46:57 PM

Quant Time: Jul 12 07:31:38 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	980069	10.00	ppbv	-0.02
33) 1,4-Difluorobenzene	7.25	114	2735919	10.00	ppbv	-0.01
55) Chlorobenzene-d5	12.19	117	2846291	10.00	ppbv	-0.01

System Monitoring Compounds		R.T.	QIon	Response	Conc	Units	Dev(Min)
68) 1-Bromo-4-Fluorobenzene	14.53	95	2228517	9.18	ppbv	-0.01	
Spiked Amount	10.000	Range	65 - 135	Recovery	=	91.80%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	3.05	85	31549m	0.156	ppbv	
3) Chlorodifluoromethane	3.00	51	38435m	0.318	ppbv	
4) Chloromethane	3.15	50	19997m	0.287	ppbv	
9) Propene	3.02	41	134615m	3.024	ppbv	
10) Heptane	8.21	43	171503	1.538	ppbv	99
11) Trichlorofluoromethane	3.98	101	75190	0.331	ppbv	85
13) Ethanol	3.63	45	357098	25.819	ppbv	93
15) Acetone	3.88	43	3347513	20.315	ppbv #	85
17) tert-Butyl alcohol	4.34	59	147991	1.126	ppbv #	88
20) Methylene Chloride	4.38	84	319896	4.451	ppbv	95
26) Hexane	5.75	57	354110	3.433	ppbv #	42
27) Carbon Disulfide	4.59	76	165891	0.946	ppbv	96
29) Chloroform	5.81	83	396277	2.045	ppbv	88
30) Cyclohexane	7.20	84	32139m	0.404	ppbv	
31) cis-1,2-Dichloroethene	5.61	61	317804	3.189	ppbv	98
34) 2-Butanone	5.30	43	541075	3.737	ppbv	99
35) Carbon Tetrachloride	7.10	117	14994m	0.069	ppbv	
36) Benzene	6.97	78	665226	3.107	ppbv	97
38) Trichloroethene	7.92	130	405948	4.262	ppbv	97
44) 2,2,4-Trimethylpentane	7.96	57	172286	0.466	ppbv #	74
50) 4-Methyl-2-Pentanone	8.83	43	238524	1.110	ppbv	99
52) Tetrachloroethene	11.33	164	90407	0.981	ppbv #	89
53) Toluene	9.90	91	4442640	18.129	ppbv	100
58) Ethyl Benzene	12.82	91	1156298	3.378	ppbv	99
59) m/p-Xylene	13.07	91	3976984	12.832	ppbv	98
60) o-Xylene	13.80	91	1372710	4.428	ppbv	99
61) Styrene	13.65	104	50993m	0.249	ppbv	
62) Isopropylbenzene	14.78	105	136488	0.286	ppbv	98
64) n-propylbenzene	15.67	120	92451	0.748	ppbv	97
65) tert-Butylbenzene	16.88	119	193513	0.477	ppbv #	72
69) p-Isopropyltoluene	17.77	119	81235m	0.173	ppbv	
70) n-Butylbenzene	18.67	91	136262	0.277	ppbv #	52
72) 4-Ethyltoluene	15.96	105	602698	1.514	ppbv	99
73) 1,3,5-Trimethylbenzene	16.11	105	417385	1.127	ppbv	91
74) 1,2,4-Trimethylbenzene	16.88	105	1703741	4.152	ppbv #	74
79) Naphthalene	22.36	128	303100	0.879	ppbv	100
80) Naphthalene,2-methyl-	25.07	142	48697	0.388	ppbv #	89

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

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