

Data Path : Z:\VOASRV\HPCHEM1\MSVOA L\DATA\VL051220\
 Data File : VL035012.D
 Acq On : 13 May 2020 7:11
 Operator : SY/AP
 Sample : L2566-06DL 40X
 Misc : 400ml/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 SG-3DL

Manual Integrations
 APPROVED

MMDadoda
 5/13/2020 5:13:24 PM

Quant Time: May 13 08:55:58 2020
 Quant Method : Z:\VOASRV\HPCHEM1\MSVOA L\METHODS\VL050620AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed May 0
 QLast Update : Wed May 06 14:49:39 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.64	49	829422	10.00	ppbv	-0.02
33) 1,4-Difluorobenzene	7.16	114	2026686	10.00	ppbv	-0.03
55) Chlorobenzene-d5	12.10	117	1867103	10.00	ppbv	-0.03

System Monitoring Compounds		R.T.	QIon	Response	Conc	Units	Dev(Min)
68) 1-Bromo-4-Fluorobenzene	14.44	95	1511533	10.00	ppbv	-0.02	
Spiked Amount	10.000	Range	65 - 135	Recovery	=	100.00%	

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
9) Propene	2.96	41	12466	0.303	ppbv	91
10) Heptane	8.11	43	85763	0.833	ppbv	99
13) Ethanol	3.56	45	105689	7.794	ppbv	94
15) Acetone	3.81	43	1171201	10.681	ppbv	99
17) tert-Butyl alcohol	4.26	59	160872	1.649	ppbv	96
19) Isopropyl Alcohol	3.93	45	462266	6.322	ppbv #	1
20) Methylene Chloride	4.31	84	11558	0.318	ppbv #	80
22) trans-1,2-Dichloroethene	4.85	96	14739	0.397	ppbv	98
24) 1,1-Dichloroethane	4.98	63	17777m	0.166	ppbv	
26) Hexane	5.66	57	51947m	0.651	ppbv	
29) Chloroform	5.73	83	245409	1.878	ppbv	96
30) Cyclohexane	7.12	84	12732m	0.207	ppbv	
31) cis-1,2-Dichloroethene	5.52	61	130293	1.672	ppbv	98
32) 1,1,1-Trichloroethane	6.49	97	9179m	0.078	ppbv	
34) 2-Butanone	5.22	43	36358	0.289	ppbv	93
38) Trichloroethene	7.83	130	467430	7.221	ppbv	96
41) Tetrahydrofuran	6.04	42	14872m	0.224	ppbv	
44) 2,2,4-Trimethylpentane	7.86	57	103467	0.348	ppbv #	83
52) Tetrachloroethene	11.23	164	1030913	17.351	ppbv	97
53) Toluene	9.81	91	175155	0.989	ppbv	99
58) Ethyl Benzene	12.73	91	116716	0.506	ppbv	94
59) m/p-Xylene	12.98	91	623669	3.070	ppbv #	59
60) o-Xylene	13.71	91	194472	0.970	ppbv	100
62) Isopropylbenzene	14.69	105	158494	0.530	ppbv	97
64) n-propylbenzene	15.60	120	10925m	0.142	ppbv	
72) 4-Ethyltoluene	15.87	105	33936m	0.152	ppbv	
73) 1,3,5-Trimethylbenzene	16.04	105	58993m	0.271	ppbv	
74) 1,2,4-Trimethylbenzene	16.84	105	41453m	0.174	ppbv	

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

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