

Data Path : W:\HPCHEM1\MSVOA L\DATA\VL020916\
 Data File : VL026841.D
 Acq On : 10 Feb 2016 5:33
 Operator : SY/AP
 Sample : H1388-02
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 IAS-2

Manual Integrations
 APPROVED

MMDadoda
 2/11/2016 1:24:13 PM

Quant Time: Feb 10 08:03:42 2016
 Quant Method : W:\HPCHEM1\MSVOA L\METHODS\VL020916AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LWed Feb 10
 QLast Update : Wed Feb 10 03:14:04 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	6.70	49	1334192	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	8.37	114	3677487	10.00	ppbv	0.00
55) Chlorobenzene-d5	13.79	117	1455152	10.00	ppbv	0.00

System Monitoring Compounds

68) 1-Bromo-4-Fluorobenzene	16.33	95	1642157	15.72	ppbv	-0.01
Spiked Amount	10.000	Range	65 - 135	Recovery	=	157.20%#

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	3.67	85	183320	0.64	ppbv	96
3) Chlorodifluoromethane	3.60	51	921741m	4.26	ppbv	
4) Chloromethane	3.78	50	59609	0.70	ppbv	97
9) Propene	3.64	41	158425	2.71	ppbv #	75
10) Heptane	9.40	43	89178	0.47	ppbv #	82
11) Trichlorofluoromethane	4.73	101	144765	0.42	ppbv	96
12) 1,1,2-Trichlorotrifluoroet	5.34	101	36113	0.15	ppbv	96
13) Ethanol	4.37	45	6304623	626.88	ppbv	98
15) Acetone	4.63	43	17920261	97.77	ppbv #	64
19) Isopropyl Alcohol	4.81	45	4806684	73.51	ppbv #	92
20) Methylene Chloride	5.20	84	57988	0.61	ppbv	97
25) Ethyl Acetate	6.71	43	641222	2.33	ppbv #	93
29) Chloroform	6.79	83	29142	0.12	ppbv	92
30) Cyclohexane	8.32	84	38241m	0.30	ppbv	
34) 2-Butanone	6.24	43	129343	0.72	ppbv	98
35) Carbon Tetrachloride	8.21	117	25770	0.10	ppbv	98
36) Benzene	8.07	78	202486	0.69	ppbv #	95
38) Trichloroethene	9.12	130	4285	0.03	ppbv	88
43) Methyl Methacrylate	9.31	69	71138	0.70	ppbv	95
44) 2,2,4-Trimethylpentane	9.13	57	49175	0.10	ppbv #	70
52) Tetrachloroethene	12.84	164	25515	0.22	ppbv	96
53) Toluene	11.28	91	1782708	5.43	ppbv	99
58) Ethyl Benzene	14.46	91	102741	0.59	ppbv	98
59) m/p-Xylene	14.74	91	258073	1.72	ppbv	99
60) o-Xylene	15.54	91	78301	0.48	ppbv	98
61) Styrene	15.36	104	18247	0.33	ppbv	99
69) p-Isopropyltoluene	19.84	119	24969	0.13	ppbv #	75
72) 4-Ethyltoluene	17.87	105	32995	0.22	ppbv #	94
73) 1,3,5-Trimethylbenzene	18.04	105	30056	0.20	ppbv	90
74) 1,2,4-Trimethylbenzene	18.88	105	111580	0.67	ppbv #	68

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

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