

Data Path : W:\HPCHEM1\MSVOA L\DATA\VL070715\
 Data File : VL025619.D
 Acq On : 7 Jul 2015 22:40
 Operator : SY/MD
 Sample : G2872-04
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 ERD45-INFLUENT-070115

Manual Integrations
 APPROVED

sam
 7/8/2015 11:06:27 AM

Quant Time: Jul 08 08:01:32 2015
 Quant Method : W:\HPCHEM1\MSVOA L\METHODS\VL070715AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Wed Jul 08
 QLast Update : Wed Jul 08 02:22:55 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	6.68	49	710174	10.00	ppbv	0.02
33) 1,4-Difluorobenzene	8.40	114	1903837m	10.00	ppbv	0.07
55) Chlorobenzene-d5	13.85	117	2476363	10.00	ppbv	0.10

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	16.34	95	2077807	9.95	ppbv	0.05
Spiked Amount	10.000	Range	65 - 135	Recovery	=	99.50%

Target Compounds	R.T.	QIon	Response	Conc	Units	Ovalue
2) Dichlorodifluoromethane	3.64	85	47096	0.26	ppbv	99
3) Chlorodifluoromethane	3.57	51	20520m	0.21	ppbv	
4) Chloromethane	3.75	50	14143	0.31	ppbv	96
5) Vinyl Chloride	3.89	62	9823262	199.25	ppbv #	57
9) Propene	3.60	41	362300	10.90	ppbv	89
11) Trichlorofluoromethane	4.70	101	43396	0.18	ppbv	98
13) Ethanol	4.35	45	17756	3.43	ppbv	96
17) tert-Butyl alcohol	5.19	59	68752	0.65	ppbv #	69
18) 1,1-Dichloroethene	5.09	96	1098109	20.96	ppbv	98
19) Isopropyl Alcohol	4.79	45	49740	0.99	ppbv #	96
20) Methylene Chloride	5.15	84	52455	1.03	ppbv	96
22) trans-1,2-Dichloroethene	5.77	96	1126308	21.06	ppbv	97
24) 1,1-Dichloroethane	5.93	63	118527	0.93	ppbv #	97
26) Hexane	6.67	57	544596	6.09	ppbv #	48
27) Carbon Disulfide	5.39	76	63838	0.44	ppbv #	90
29) Chloroform	6.77	83	123701	0.70	ppbv	95
30) Cyclohexane	8.31	84	236209	2.76	ppbv	99
31) cis-1,2-Dichloroethene	6.54	61	23030558	259.25	ppbv #	40
32) 1,1,1-Trichloroethane	7.63	97	641173	3.34	ppbv	94
36) Benzene	8.09	78	425755m	2.34	ppbv	
38) Trichloroethene	9.15	130	123700244m	1459.12	ppbv	
52) Tetrachloroethene	12.91	164	188777	2.06	ppbv	95
53) Toluene	11.40	91	1777883	6.94	ppbv	98
57) Chlorobenzene	13.91	112	55240	0.21	ppbv #	81
58) Ethyl Benzene	14.49	91	227742	0.56	ppbv	99
59) m/p-Xylene	14.77	91	662710	1.84	ppbv	99
60) o-Xylene	15.55	91	293840	0.76	ppbv	100
61) Styrene	15.37	104	32556m	0.24	ppbv	
62) Isopropylbenzene	16.59	105	504244	1.00	ppbv	99
64) n-propylbenzene	17.55	120	15907	0.12	ppbv	78
69) p-Isopropyltoluene	19.80	119	46729	0.08	ppbv #	62
72) 4-Ethyltoluene	17.85	105	88258m	0.21	ppbv	
73) 1,3,5-Trimethylbenzene	18.02	105	108779	0.26	ppbv	97
74) 1,2,4-Trimethylbenzene	18.86	105	304100	0.65	ppbv #	69
79) Naphthalene	23.94	128	80099m	0.18	ppbv	

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

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