

Data Path : W:\HPCHEM1\MSVOA L\DATA\VL102915\
 Data File : VL026269.D
 Acq On : 29 Oct 2015 16:54
 Operator : SY/AP
 Sample : VL1029ABS01
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleID :
 VL1029ABS01

Manual Integrations
 APPROVED

Mmdadoda
 10/30/2015 12:06:40 PM

Quant Time: Oct 30 01:19:47 2015
 Quant Method : W:\HPCHEM1\MSVOA L\METHODS\VL102915AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Thu Oct 29 2015
 QLast Update : Thu Oct 29 14:29:54 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	6.70	49	626722	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	8.37	114	1838922	10.00	ppbv	0.00
55) Chlorobenzene-d5	13.80	117	2109750m	10.00	ppbv	0.00

System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	16.34	95	1607042	10.04	ppbv	0.00
Spiked Amount	10.000	Range	65 - 135	Recovery	=	100.40%

Target Compounds						Ovalue
2) Dichlorodifluoromethane	3.67	85	1205640	8.98	ppbv	100
3) Chlorodifluoromethane	3.60	51	667255	8.45	ppbv	100
4) Chloromethane	3.78	50	420463	9.33	ppbv	99
5) Vinyl Chloride	3.92	62	428855	8.64	ppbv	98
6) Bromomethane	4.17	94	307286	9.38	ppbv	99
7) Chloroethane	4.27	64	185075	9.41	ppbv	98
8) Dichlorotetrafluoroethane	3.83	85	997078	8.76	ppbv	100
9) Propene	3.62	41	359831	9.47	ppbv	98
10) Heptane	9.40	43	1174135	9.17	ppbv	99
11) Trichlorofluoromethane	4.73	101	1127587	8.88	ppbv	99
12) 1,1,2-Trichlorotrifluoroet	5.34	101	755165	8.91	ppbv	100
13) Ethanol	4.36	45	55028	9.69	ppbv	97
14) Bromoethene	4.48	108	337775	9.47	ppbv	100
15) Acetone	4.63	43	706395	8.51	ppbv	100
16) 1,3-Butadiene	4.00	39	385706	9.43	ppbv	100
17) tert-Butyl alcohol	5.16	59	633152	10.63	ppbv	100
18) 1,1-Dichloroethene	5.12	96	363026	9.44	ppbv	96
19) Isopropyl Alcohol	4.78	45	391579	11.01	ppbv	94
20) Methylene Chloride	5.18	84	325890	9.02	ppbv	97
21) Allyl Chloride	5.26	41	564716	9.65	ppbv	98
22) trans-1,2-Dichloroethene	5.80	96	478431	9.32	ppbv	99
23) Vinyl Acetate	6.02	43	1589212	9.94	ppbv	99
24) 1,1-Dichloroethane	5.95	63	992755	9.03	ppbv	99
25) Ethyl Acetate	6.71	43	1597009	9.24	ppbv	100
26) Hexane	6.70	57	782989	9.25	ppbv	100
27) Carbon Disulfide	5.42	76	1004773	9.92	ppbv	99
28) Methyl tert-Butyl Ether	5.99	73	1382203	9.32	ppbv	100
29) Chloroform	6.79	83	1121096	8.94	ppbv	99
30) Cyclohexane	8.33	84	767874	9.23	ppbv	99
31) cis-1,2-Dichloroethene	6.56	61	735443	9.44	ppbv	99
32) 1,1,1-Trichloroethane	7.64	97	1143887	8.25	ppbv	100
34) 2-Butanone	6.24	43	1021613	9.20	ppbv	100
35) Carbon Tetrachloride	8.21	117	1171759	8.45	ppbv	99
36) Benzene	8.07	78	1756459	9.02	ppbv	99
37) 1,2-Dichloroethane	7.42	62	908007	9.05	ppbv	100
38) Trichloroethene	9.11	130	687607	7.35	ppbv	98
39) 1,2-Dichloropropane	8.87	63	632554	8.93	ppbv	99
40) 1,4-Dioxane	9.16	88	157383	12.98	ppbv	79
41) Tetrahydrofuran	7.16	42	621284	9.68	ppbv	99
42) Bromodichloromethane	9.07	83	1239300	9.22	ppbv	100
43) Methyl Methacrylate	9.31	69	663050	9.58	ppbv	100

Data Path : W:\HPCHEM1\MSVOA L\DATA\VL102915\
 Data File : VL026269.D
 Acq On : 29 Oct 2015 16:54
 Operator : SY/AP
 Sample : VL1029ABS01
 Misc : 400mL/MSVOA L
 ALS Vial : 1 Sample Multiplier: 1

Instrument :
 MSVOA_L
 ClientSampleId :
 VL1029ABS01

Manual Integrations
 APPROVED

Mmdadoda
 10/30/2015 12:06:40 PM

Quant Time: Oct 30 01:19:47 2015
 Quant Method : W:\HPCHEM1\MSVOA L\METHODS\VL102915AIR.M
 Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Thu Oct 29 2015
 QLast Update : Thu Oct 29 14:29:54 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,2,4-Trimethylpentane	9.13	57	2750954	8.66	ppbv	100
45) t-1,3-Dichloropropene	10.70	75	994353	10.20	ppbv	99
46) cis-1,3-Dichloropropene	10.07	75	1158916	9.77	ppbv	99
47) 1,1,2-Trichloroethane	10.93	97	751093	8.77	ppbv	100
48) Dibromochloromethane	11.85	129	1168291	9.54	ppbv	100
49) Bromoform	14.87	173	939739	9.87	ppbv	100
50) 4-Methyl-2-Pentanone	10.13	43	1396692	9.40	ppbv	100
51) 2-Hexanone	11.66	43	1347729	9.96	ppbv #	100
52) Tetrachloroethene	12.84	164	732069	7.45	ppbv	99
53) Toluene	11.29	91	2275382	9.00	ppbv	100
54) 1,2-Dibromoethane	12.19	107	1149236	8.86	ppbv	100
56) 1,1,1,2-Tetrachloroethane	13.84	131	839678	9.08	ppbv	99
57) Chlorobenzene	13.87	112	1803936	8.62	ppbv	98
58) Ethyl Benzene	14.46	91	3158449	9.11	ppbv	100
59) m/p-Xylene	14.77	91	4797952	17.47	ppbv #	100
60) o-Xylene	15.54	91	2437631	8.49	ppbv	100
61) Styrene	15.37	104	1219345	9.99	ppbv	99
62) Isopropylbenzene	16.60	105	3415379	8.76	ppbv	100
63) 1,1,2,2-Tetrachloroethane	15.54	83	1640389	7.34	ppbv	100
64) n-propylbenzene	17.58	120	945328	8.93	ppbv	93
65) tert-Butylbenzene	18.87	119	2941622	8.36	ppbv	100
66) Benzyl Chloride	19.16	91	1251731	11.42	ppbv	100
67) sec-Butylbenzene	19.46	105	4275489	8.57	ppbv	100
69) p-Isopropyltoluene	19.85	119	3531940	8.69	ppbv	100
70) n-Butylbenzene	20.81	91	3321939	8.60	ppbv	100
71) 2-Chlorotoluene	17.48	91	2556638	8.89	ppbv	99
72) 4-Ethyltoluene	17.88	105	2885259	8.95	ppbv	100
73) 1,3,5-Trimethylbenzene	18.04	105	2648069	8.70	ppbv	97
74) 1,2,4-Trimethylbenzene	18.89	105	2646697	8.31	ppbv	99
75) 1,3-Dichlorobenzene	19.18	146	1763203	8.55	ppbv	100
76) 1,4-Dichlorobenzene	19.33	146	1837587	8.76	ppbv	100
77) 1,2-Dichlorobenzene	20.08	146	1763633	8.57	ppbv	100
78) Hexachloro-1,3-Butadiene	24.72	225	688595	8.26	ppbv	99
79) Naphthalene	23.97	128	2190512	9.62	ppbv	99
80) Naphthalene, 2-methyl-	26.09	142	620507	14.77	ppbv	97
81) 1,2,4-Trichlorobenzene	23.78	180	1028877	9.05	ppbv	99

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

Data Path : W:\HPCHEM1\MSVOA L\DATA\VL102915\
Data File : VL026269.D
Acq On : 29 Oct 2015 16:54
Operator : SY/AP
Sample : VL1029ABS01
Misc : 400mL/MSVOA L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
VL1029ABS01

Manual Integrations
APPROVED

Mmdadoda
10/30/2015 12:06:40 PM

Quant Time: Oct 30 01:19:47 2015
Quant Method : W:\HPCHEM1\MSVOA L\METHODS\VL102915AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_L Thu Oct
QLast Update : Thu Oct 29 14:29:54 2015
Response via : Initial Calibration

