Quantitation Report (QT Reviewed)

Data Path : W:\HPCHEM1\MSVOA_L\DATA\VL041218\
Data File : VL031858.D
Acq On : 12 Apr 2018 5:26
Operator : SY/AP
Sample : VSTDICV010
Misc : 400ml/MSVOA_L
ALS Vial : 1 Sample Multiplier: 1

Instrument :
MSVOA_L
ClientSampleId :
ICVVL041218

Manual Integrations APPROVED
MMDadoda
4/15/2018 3:06:24 PM

Quant Time: Apr 14 01:44:22 2018
Quant Method : W:\HPCHEM1\MSVOA_L\METHODS\VL041218AIR.M
Quant Title : AIR ANALYSIS BY METHOD TO-15 Instrument: MSVOA_LFri Apr 1
QLast Update : Fri Apr 13 16:50:02 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Bromochloromethane	5.89	49	1394895	10.00	ppbv	0.00
33) 1,4-Difluorobenzene	7.43	114	2947375	10.00	ppbv	0.00
55) Chlorobenzene-d5	12.40	117	3096024	10.00	ppbv	0.00
System Monitoring Compounds						
68) 1-Bromo-4-Fluorobenzene	14.73	95	2434983	9.78	ppbv	0.00
Spiked Amount 10.000	Range 65 - 135		Recovery = 97.80%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	3.17	85	2153830	7.486	ppbv	99
3) Chlorodifluoromethane	3.10	51	1059378	6.530	ppbv	100
4) Chloromethane	3.26	50	639954	7.727	ppbv	96
5) Vinyl Chloride	3.39	62	691014	7.410	ppbv	95
6) Bromomethane	3.61	94	469914	7.667	ppbv	99
7) Chloroethane	3.70	64	285011	7.667	ppbv	90
8) Dichlorotetrafluoroethane	3.31	85	1802636	7.631	ppbv	99
9) Propene	3.13	41	462331	8.242	ppbv	100
10) Heptane	8.39	43	1546897	8.499	ppbv	99
11) Trichlorofluoromethane	4.11	101	2331537	8.266	ppbv	100
12) 1,1,2-Trichlorotrifluoroet	4.67	101	1487780	8.117	ppbv	100
13) Ethanol	3.76	45	118245	6.211	ppbv	98
14) Bromoethene	3.89	108	617546	8.934	ppbv	98
15) Acetone	4.01	43	1534343	7.147	ppbv	97
16) 1,3-Butadiene	3.46	39	673786	8.482	ppbv	99
17) tert-Butyl alcohol	4.47	59	611277	6.890	ppbv	98
18) 1,1-Dichloroethene	4.46	96	674896	8.571	ppbv	93
19) Isopropyl Alcohol	4.13	45	942841	7.863	ppbv	100
20) Methylene Chloride	4.52	84	615078	7.866	ppbv	93
21) Allyl Chloride	4.59	41	1051465	8.573	ppbv	99
22) trans-1,2-Dichloroethene	5.08	96	698698	8.560	ppbv	94
23) Vinyl Acetate	5.28	43	1912594	8.785	ppbv	99
24) 1,1-Dichloroethane	5.22	63	1796936	8.285	ppbv	99
25) Ethyl Acetate	5.90	43	2827136	8.443	ppbv	99
26) Hexane	5.91	57	1347123	8.629	ppbv	99
27) Carbon Disulfide	4.74	76	1817105	8.966	ppbv	100
28) Methyl tert-Butyl Ether	5.24	73	1703983	8.870	ppbv	99
29) Chloroform	5.98	83	2161750	8.169	ppbv	97
30) Cyclohexane	7.39	84	963647	8.644	ppbv	100
31) cis-1,2-Dichloroethene	5.77	61	1245130	8.805	ppbv	97
32) 1,1,1-Trichloroethane	6.76	97	1984375	7.699	ppbv	99
34) 2-Butanone	5.45	43	1785952	8.735	ppbv	99
35) Carbon Tetrachloride	7.28	117	2041536	7.975	ppbv	100
36) Benzene	7.14	78	2325473	8.772	ppbv	98
37) 1,2-Dichloroethane	6.55	62	1642039	8.325	ppbv	99
38) Trichloroethene	8.11	130	926320	8.608	ppbv	99
39) 1,2-Dichloropropane	7.88	63	841789	8.542	ppbv	97
40) 1,4-Dioxane	8.10	88	347079	8.677	ppbv	86
41) Tetrahydrofuran	6.28	42	922352	9.746	ppbv	99
42) Bromodichloromethane	8.06	83	2053740	8.702	ppbv	100
43) Methyl Methacrylate	8.28	69	868391	9.309	ppbv	98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,2,4-Trimethylpentane	8.13	57	3989559	8.738	ppbv		99
45) t-1,3-Dichloropropene	9.56	75	1221184	10.093	ppbv		95
46) cis-1,3-Dichloropropene	8.98	75	1491998	9.648	ppbv		95
47) 1,1,2-Trichloroethane	9.76	97	992370	8.472	ppbv		97
48) Dibromochloromethane	10.60	129	1707084	9.018	ppbv		100
49) Bromoform	13.36	173	1318005	9.044	ppbv		99
50) 4-Methyl-2-Pentanone	9.01	43	2053464	8.775	ppbv		100
51) 2-Hexanone	10.42	43	1835860	8.975	ppbv	#	100
52) Tetrachloroethene	11.52	164	876095	8.482	ppbv		97
53) Toluene	10.10	91	2799335	9.469	ppbv		100
54) 1,2-Dibromoethane	10.91	107	1508627	8.873	ppbv		99
56) 1,1,1,2-Tetrachloroethane	12.43	131	1178260	8.087	ppbv		97
57) Chlorobenzene	12.46	112	2100841	8.004	ppbv		99
58) Ethyl Benzene	13.02	91	3878081	9.019	ppbv		99
59) m/p-Xylene	13.30	91	6354033m	17.020	ppbv		
60) o-Xylene	14.00	91	3260800	8.738	ppbv		100
61) Styrene	13.84	104	729837	10.271	ppbv		100
62) Isopropylbenzene	14.98	105	4142963	8.644	ppbv		100
63) 1,1,2,2-Tetrachloroethane	13.99	83	2166378	7.551	ppbv		99
64) n-propylbenzene	15.87	120	1019114	8.746	ppbv		99
65) tert-Butylbenzene	17.06	119	3486857	8.458	ppbv		100
66) Benzyl Chloride	17.31	91	384076	10.340	ppbv		99
67) sec-Butylbenzene	17.61	105	4936765	8.313	ppbv		99
69) p-Isopropyltoluene	17.96	119	3901397	8.475	ppbv		100
70) n-Butylbenzene	18.86	91	3953088	8.246	ppbv		99
71) 2-Chlorotoluene	15.77	91	3073928	8.870	ppbv		100
72) 4-Ethyltoluene	16.15	105	3314206	8.691	ppbv		99
73) 1,3,5-Trimethylbenzene	16.31	105	3006159	8.611	ppbv		98
74) 1,2,4-Trimethylbenzene	17.08	105	3141934	8.063	ppbv		93
75) 1,3-Dichlorobenzene	17.32	146	1861251	7.788	ppbv		99
76) 1,4-Dichlorobenzene	17.46	146	1887549	8.141	ppbv		100
77) 1,2-Dichlorobenzene	18.14	146	1886088	8.015	ppbv		100
78) Hexachloro-1,3-Butadiene	23.68	225	571067	6.319	ppbv		98
79) Naphthalene	22.59	128	1847448	8.423	ppbv		97
80) Naphthalene,2-methyl-	25.23	142	248075	5.794	ppbv		97
81) 1,2,4-Trichlorobenzene	22.32	180	914952	7.518	ppbv		99

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

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