Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_B\DATA\BB101316\
Data File : BB058629.D
Acq On : 13 Oct 2016 12:47
Operator : UM/SJ
Sample : MDL-04-S
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_B
ClientSampleId :
MDL-04-S

Manual Integrations APPROVED
sohil
10/13/2016 4:36:29 PM

Quant Time: Oct 13 13:35:52 2016
Quant Method : Z:\HPCHEM1\BNA_B\METHOD\SOM02.2-EPA-BB101016.M
Quant Title : SVOA CALIBRATION
QLast Update : Wed Oct 12 12:50:27 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.68	152	506053	20.00	ng/ul	0.02
18) Naphthalene-d8	11.62	136	1902902	20.00	ng/ul	0.00
35) Acenaphthene-d10	15.59	164	1088753	20.00	ng/ul	0.02
61) Phenanthrene-d10	18.42	188	1793685	20.00	ng/ul	0.00
75) Chrysene-d12	22.79	240	1894325	20.00	ng/ul	-0.02
83) Perylene-d12	25.87	264	1375648	20.00	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.65	96	87238	7.81	ng/uL	0.02
5) Phenol-d5	7.81	99	1247746	33.94	ng/ul	0.02
7) Bis-(2-Chloroethyl)ether-d	7.97	67	897561	36.45	ng/ul	0.02
9) 2-Chlorophenol-d4	8.20	132	1376476	36.09	ng/ul	0.02
13) 4-Methylphenol-d8	9.45	113	1041265	34.21	ng/ul	0.00
19) Nitrobenzene-d5	9.89	128	692824	35.21	ng/ul	0.02
22) 2-Nitrophenol-d4	10.66	143	791633	37.39	ng/ul	0.02
26) 2,4-Dichlorophenol-d3	11.24	165	1048747	34.95	ng/ul	0.00
29) 4-Chloroaniline-d4	11.76	131	1414313	39.15	ng/ul	0.02
43) Dimethylphthalate-d6	14.95	166	2652370	36.64	ng/ul	0.00
46) Acenaphthylene-d8	15.26	160	3219832	37.71	ng/ul	0.00
51) 4-Nitrophenol-d4	15.78	143	551857	33.19	ng/ul	0.00
57) Fluorene-d10	16.61	176	2339260	39.44	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	16.73	200	601480	31.58	ng/ul	0.00
70) Anthracene-d10	18.54	188	3071192m	38.29	ng/ul	0.00
76) Pyrene-d10	20.86	212	3132169	37.63	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.66	264	2446008	38.94	ng/ul	-0.04
Target Compounds						Qvalue
2) 1,4-Dioxane	3.69	88	9189	0.83	ng/uL#	51
4) Benzaldehyde	7.73	77	63452	2.68	ng/ul#	84
6) Phenol	7.83	94	112949	3.10	ng/ul#	20
8) Bis(2-Chloroethyl)ether	8.06	93	105745	3.52	ng/ul#	86
10) 2-Chlorophenol	8.22	128	119851	3.30	ng/ul#	66
11) 2-Methylphenol	9.16	108	94577	3.23	ng/ul	96
12) 2,2'-oxybis(1-Chloropropan	9.26	45	195980	3.71	ng/ul#	89
14) Acetophenone	9.54	105	144657	3.25	ng/ul#	81
15) N-Nitroso-di-n-propylamine	9.54	70	86792	3.29	ng/ul#	52
16) 4-Methylphenol	9.51	108	98863	3.13	ng/ul	98
17) Hexachloroethane	9.83	117	55944	3.18	ng/ul#	62
20) Nitrobenzene	9.93	77	123841	3.35	ng/ul#	97
21) Isophorone	10.49	82	241895	3.39	ng/ul#	95
23) 2-Nitrophenol	10.70	139	74002	3.35	ng/ul	88
24) 2,4-Dimethylphenol	10.78	107	122202	3.38	ng/ul	96
25) Bis(2-Chloroethoxy)methane	10.99	93	114981	3.35	ng/ul#	95
27) 2,4-Dichlorophenol	11.26	162	97985	3.26	ng/ul#	60
28) Naphthalene	11.68	128	314933	3.48	ng/ul	99
30) 4-Chloroaniline	11.78	127	125988	3.68	ng/ul	96
31) Hexachlorobutadiene	12.03	225	64368	3.14	ng/ul	96
32) Caprolactam	12.61	113	30780	2.82	ng/ul	92
33) 4-Chloro-3-methylphenol	12.95	107	94737	3.16	ng/ul	89
34) 2-Methylnaphthalene	13.34	142	213553	3.42	ng/ul	96

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	13.72	216	108091	3.23 ng/ul#	96
37) Hexachlorocyclopentadiene	13.72	237	38621	1.83 ng/ul	93
38) 2,4,6-Trichlorophenol	13.95	196	63443	3.12 ng/ul	99
39) 2,4,5-Trichlorophenol	14.03	196	66211	3.07 ng/ul	96
40) 1,1'-Biphenyl	14.36	154	247639	3.39 ng/ul	98
41) 2-Chloronaphthalene	14.42	162	187317	3.22 ng/ul	99
42) 2-Nitroaniline	14.59	65	73766	3.30 ng/ul#	74
44) Dimethylphthalate	14.99	163	236435	3.27 ng/ul#	98
45) 2,6-Dinitrotoluene	15.11	165	58926	3.22 ng/ul	96
47) Acenaphthylene	15.28	152	302707	3.66 ng/ul	99
48) 3-Nitroaniline	14.61	138	71987	3.01 ng/ul#	37
49) Acenaphthene	15.65	153	186143	3.27 ng/ul	93
50) 2,4-Dinitrophenol	15.67	184	22731	1.74 ng/ul	91
52) 4-Nitrophenol	15.78	109	42789	3.16 ng/ul#	67
53) Dibenzofuran	15.97	168	269627	3.33 ng/ul#	85
54) 2,4-Dinitrotoluene	15.92	165	77106	3.02 ng/ul#	31
55) 2,3,4,6-Tetrachlorophenol	16.22	232	56882	3.02 ng/ul#	71
56) Diethylphthalate	16.42	149	276712	3.68 ng/ul	97
58) Fluorene	16.67	166	210014	3.19 ng/ul	95
59) 4-Chlorophenyl-phenylether	16.65	204	118574	3.35 ng/ul	97
60) 4-Nitroaniline	16.65	138	38355	2.03 ng/ul	85
63) 4,6-Dinitro-2-methylphenol	16.73	198	49946	2.63 ng/ul#	1
64) N-Nitrosodiphenylamine	16.86	169	191405	3.31 ng/ul	94
65) 4-Bromophenyl-phenylether	17.57	248	71286	3.10 ng/ul	95
66) Hexachlorobenzene	17.73	284	69880	3.03 ng/ul#	75
67) Atrazine	17.84	200	70372	3.19 ng/ul	90
68) Pentachlorophenol	18.07	266	38096	2.34 ng/ul	95
69) Phenanthrene	18.46	178	316572	3.54 ng/ul	100
71) Anthracene	18.55	178	332409	3.64 ng/ul	100
72) Carbazole	18.82	167	266387	3.50 ng/ul	96
73) Di-n-butylphthalate	19.40	149	488670	3.93 ng/ul	98
74) Fluoranthene	20.52	202	346166	3.81 ng/ul	98
77) Pyrene	20.88	202	345587	3.49 ng/ul#	90
78) Butylbenzylphthalate	21.79	149	227571	3.55 ng/ul#	93
79) 3,3'-Dichlorobenzidine	22.67	252	65346	1.95 ng/ul#	96
80) Benzo(a)anthracene	22.77	228	336878	3.49 ng/ul	98
81) Bis(2-ethylhexyl)phthalate	22.67	149	293616	3.44 ng/ul	99
82) Chrysene	22.83	228	278598	3.08 ng/ul	99
84) Di-n-octyl phthalate	22.67	149	293616	4.10 ng/ul#	46
85) Benzo(b)fluoranthene	24.91	252	259138	2.85 ng/ul	99
86) Benzo(k)fluoranthene	24.97	252	251488m	3.57 ng/ul	
88) Benzo(a)pyrene	25.72	252	235485	3.08 ng/ul#	95
89) Indeno(1,2,3-cd)pyrene	29.12	276	167612	2.51 ng/ul#	88
90) Dibenzo(a,h)anthracene	29.16	278	132568	2.39 ng/ul#	90
91) Benzo(g,h,i)perylene	30.13	276	131275	2.49 ng/ul#	90

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

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