Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_B\DATA\BB101316\
Data File : BB058626.D
Acq On : 13 Oct 2016 10:45
Operator : UM/SJ
Sample : MDL-01-S
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_B
ClientSampleId :
MDL-01-S

Manual Integrations APPROVED
sohil
10/13/2016 4:36:19 PM

Quant Time: Oct 13 11:31:24 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	499908	20.00	ng/ul	0.02
18) Naphthalene-d8	11.62	136	1888736	20.00	ng/ul	0.00
35) Acenaphthene-d10	15.59	164	1150408	20.00	ng/ul	0.02
61) Phenanthrene-d10	18.42	188	1786220	20.00	ng/ul	0.00
75) Chrysene-d12	22.79	240	1885887	20.00	ng/ul	-0.02
83) Perylene-d12	25.87	264	1445310	20.00	ng/ul	-0.02
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.65	96	58684	5.32	ng/uL	0.02
5) Phenol-d5	7.81	99	863312	23.77	ng/ul	0.02
7) Bis-(2-Chloroethyl)ether-d	7.96	67	612728	25.19	ng/ul	0.02
9) 2-Chlorophenol-d4	8.20	132	948368	25.17	ng/ul	0.02
13) 4-Methylphenol-d8	9.45	113	721536	24.00	ng/ul	0.00
19) Nitrobenzene-d5	9.89	128	487054	24.94	ng/ul	0.02
22) 2-Nitrophenol-d4	10.66	143	545020	25.94	ng/ul	0.02
26) 2,4-Dichlorophenol-d3	11.24	165	737748	24.77	ng/ul	0.00
29) 4-Chloroaniline-d4	11.76	131	976727	27.24	ng/ul	0.02
43) Dimethylphthalate-d6	14.95	166	1899024	24.83	ng/ul	0.00
46) Acenaphthylene-d8	15.26	160	2338236	25.92	ng/ul	0.00
51) 4-Nitrophenol-d4	15.76	143	351910	20.03	ng/ul	-0.02
57) Fluorene-d10	16.61	176	1648011	26.30	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	16.72	200	399185	21.05	ng/ul	0.00
70) Anthracene-d10	18.53	188	2216782m	27.75	ng/ul	0.00
76) Pyrene-d10	20.86	212	2306790	27.84	ng/ul	0.00
87) Benzo(a)pyrene-d12	25.66	264	1678197	25.43	ng/ul	-0.04
Target Compounds						Qvalue
2) 1,4-Dioxane	3.69	88	9783	0.89	ng/uL#	88
4) Benzaldehyde	7.75	77	44807	1.92	ng/ul	86
6) Phenol	7.83	94	82785	2.30	ng/ul#	25
8) Bis(2-Chloroethyl)ether	8.06	93	73771	2.48	ng/ul	86
10) 2-Chlorophenol	8.23	128	87643	2.44	ng/ul	99
11) 2-Methylphenol	9.16	108	67257	2.32	ng/ul	99
12) 2,2'-oxybis(1-Chloropropan	9.25	45	131597	2.52	ng/ul#	90
14) Acetophenone	9.54	105	108519	2.47	ng/ul#	80
15) N-Nitroso-di-n-propylamine	9.54	70	63721	2.45	ng/ul#	52
16) 4-Methylphenol	9.50	108	73284	2.35	ng/ul	95
17) Hexachloroethane	9.85	117	41622	2.40	ng/ul#	84
20) Nitrobenzene	9.93	77	95031	2.59	ng/ul#	97
21) Isophorone	10.49	82	173402	2.45	ng/ul	98
23) 2-Nitrophenol	10.70	139	53319	2.43	ng/ul#	88
24) 2,4-Dimethylphenol	10.78	107	91962	2.56	ng/ul	98
25) Bis(2-Chloroethoxy)methane	10.99	93	81932	2.40	ng/ul#	91
27) 2,4-Dichlorophenol	11.26	162	75377	2.53	ng/ul#	64
28) Naphthalene	11.68	128	241553	2.69	ng/ul	99
30) 4-Chloroaniline	11.78	127	88457	2.60	ng/ul	98
31) Hexachlorobutadiene	12.03	225	52951	2.60	ng/ul	94
32) Caprolactam	12.57	113	21113	1.95	ng/ul	94
33) 4-Chloro-3-methylphenol	12.95	107	70995	2.39	ng/ul	89
34) 2-Methylnaphthalene	13.34	142	157409	2.54	ng/ul	100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	13.72	216	84453	2.39	ng/ul#	97
37) Hexachlorocyclopentadiene	13.74	237	29826	1.34	ng/ul#	90
38) 2,4,6-Trichlorophenol	13.97	196	49570	2.31	ng/ul	99
39) 2,4,5-Trichlorophenol	14.03	196	49407	2.17	ng/ul	95
40) 1,1'-Biphenyl	14.38	154	187951	2.44	ng/ul#	97
41) 2-Chloronaphthalene	14.41	162	149178	2.43	ng/ul	98
42) 2-Nitroaniline	14.61	65	49771	2.11	ng/ul#	78
44) Dimethylphthalate	15.01	163	187316	2.45	ng/ul#	95
45) 2,6-Dinitrotoluene	15.11	165	43427	2.25	ng/ul	90
47) Acenaphthylene	15.28	152	229427	2.62	ng/ul	99
48) 3-Nitroaniline	14.61	138	53519	2.12	ng/ul#	36
49) Acenaphthene	15.65	153	147226	2.45	ng/ul	93
50) 2,4-Dinitrophenol	15.67	184	14051	1.02	ng/ul#	48
52) 4-Nitrophenol	15.78	109	29584	2.07	ng/ul#	73
53) Dibenzofuran	15.99	168	213561	2.49	ng/ul	97
54) 2,4-Dinitrotoluene	15.94	165	59585	2.21	ng/ul#	96
55) 2,3,4,6-Tetrachlorophenol	16.22	232	42390	2.13	ng/ul#	66
56) Diethylphthalate	16.42	149	219413	2.76	ng/ul	94
58) Fluorene	16.67	166	168394	2.42	ng/ul	92
59) 4-Chlorophenyl-phenylether	16.65	204	92472	2.47	ng/ul	94
60) 4-Nitroaniline	16.65	138	30610m	1.53	ng/ul	
63) 4,6-Dinitro-2-methylphenol	16.74	198	36214	1.91	ng/ul	91
64) N-Nitrosodiphenylamine	16.86	169	143276	2.49	ng/ul	91
65) 4-Bromophenyl-phenylether	17.57	248	55589	2.43	ng/ul#	89
66) Hexachlorobenzene	17.73	284	51766	2.26	ng/ul#	66
67) Atrazine	17.84	200	54093	2.46	ng/ul	92
68) Pentachlorophenol	18.07	266	27248	1.68	ng/ul	98
69) Phenanthrene	18.46	178	237571	2.67	ng/ul	99
71) Anthracene	18.55	178	241083	2.65	ng/ul	98
72) Carbazole	18.82	167	206117	2.72	ng/ul#	96
73) Di-n-butylphthalate	19.40	149	337314	2.72	ng/ul#	97
74) Fluoranthene	20.52	202	266445	2.94	ng/ul	99
77) Pyrene	20.88	202	264932	2.69	ng/ul#	88
78) Butylbenzylphthalate	21.79	149	149991	2.35	ng/ul#	87
79) 3,3'-Dichlorobenzidine	22.67	252	45731	1.37	ng/ul#	97
80) Benzo(a)anthracene	22.77	228	251751	2.62	ng/ul	99
81) Bis(2-ethylhexyl)phthalate	22.67	149	197419	2.32	ng/ul	98
82) Chrysene	22.83	228	220893	2.45	ng/ul	99
84) Di-n-octyl phthalate	22.67	149	197419	2.62	ng/ul#	33
85) Benzo(b)fluoranthene	24.91	252	189522	1.99	ng/ul	98
86) Benzo(k)fluoranthene	24.96	252	187175	2.53	ng/ul#	97
88) Benzo(a)pyrene	25.72	252	179540	2.23	ng/ul#	95
89) Indeno(1,2,3-cd)pyrene	29.12	276	123572	1.76	ng/ul#	92
90) Dibenzo(a,h)anthracene	29.16	278	93763	1.61	ng/ul#	92
91) Benzo(g,h,i)perylene	30.12	276	103579	1.87	ng/ul#	90

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

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