Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_B\DATA\BB101216\
Data File : BB058615.D
Acq On : 12 Oct 2016 11:31
Operator : UM/SJ
Sample : MDL-01-W
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_B
ClientSampleId :
MDL-01-W

Manual Integrations APPROVED
SOHIL
10/13/2016 11:12:26 AM

Quant Time: Oct 12 12:14:22 2016
Quant Method : Z:\HPCHEM1\BNA_B\METHOD\SOM02.2-EPA-BB101016.M
Quant Title : SVOA CALIBRATION
QLast Update : Tue Oct 11 14:09:02 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.66	152	472281	20.00	ng/ul	-0.02
18) Naphthalene-d8	11.62	136	1772976	20.00	ng/ul	0.00
35) Acenaphthene-d10	15.57	164	1031017	20.00	ng/ul	-0.02
61) Phenanthrene-d10	18.42	188	1767531m	20.00	ng/ul	-0.02
75) Chrysene-d12	22.79	240	1834139	20.00	ng/ul	-0.02
83) Perylene-d12	25.87	264	1453882	20.00	ng/ul	-0.04
System Monitoring Compounds						
3) 1,4-Dioxane-d8	3.63	96	76856	7.37	ng/uL	0.00
5) Phenol-d5	7.79	99	1124314	32.77	ng/ul	-0.02
7) Bis-(2-Chloroethyl)ether-d	7.94	67	766399	33.35	ng/ul	0.00
9) 2-Chlorophenol-d4	8.18	132	1257507	35.33	ng/ul	-0.02
13) 4-Methylphenol-d8	9.43	113	938846	33.06	ng/ul	-0.02
19) Nitrobenzene-d5	9.89	128	650871	35.51	ng/ul	0.00
22) 2-Nitrophenol-d4	10.66	143	741515	37.59	ng/ul	0.00
26) 2,4-Dichlorophenol-d3	11.24	165	1008464	36.07	ng/ul	0.00
29) 4-Chloroaniline-d4	11.76	131	1297348	38.55	ng/ul	0.00
43) Dimethylphthalate-d6	14.95	166	2552521	37.23	ng/ul	-0.02
46) Acenaphthylene-d8	15.26	160	3130322	38.72	ng/ul	0.00
51) 4-Nitrophenol-d4	15.76	143	502268	31.90	ng/ul	-0.04
57) Fluorene-d10	16.61	176	2249909	40.06	ng/ul	0.00
62) 4,6-Dinitro-2-methylphenol	16.72	200	574390	30.61	ng/ul	-0.02
70) Anthracene-d10	18.51	188	2941972	37.22	ng/ul	-0.02
76) Pyrene-d10	20.86	212	3036276	37.68	ng/ul	-0.02
87) Benzo(a)pyrene-d12	25.68	264	2507461	37.77	ng/ul	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.69	88	9988	0.97	ng/uL#	83
4) Benzaldehyde	7.73	77	57414	2.60	ng/ul	91
6) Phenol	7.83	94	107719	3.17	ng/ul#	68
8) Bis(2-Chloroethyl)ether	8.04	93	93269	3.33	ng/ul	88
10) 2-Chlorophenol	8.21	128	115119	3.40	ng/ul	99
11) 2-Methylphenol	9.16	108	87554	3.20	ng/ul	98
12) 2,2'-oxybis(1-Chloropropan	9.23	45	157050	3.18	ng/ul#	90
14) Acetophenone	9.52	105	133491	3.21	ng/ul#	74
15) N-Nitroso-di-n-propylamine	9.54	70	73805	3.00	ng/ul#	53
16) 4-Methylphenol	9.50	108	92677	3.14	ng/ul	93
17) Hexachloroethane	9.83	117	55635	3.39	ng/ul#	79
20) Nitrobenzene	9.93	77	110267	3.20	ng/ul#	82
21) Isophorone	10.49	82	220536	3.32	ng/ul	95
23) 2-Nitrophenol	10.68	139	72262	3.51	ng/ul	97
24) 2,4-Dimethylphenol	10.76	107	111613	3.31	ng/ul	96
25) Bis(2-Chloroethoxy)methane	10.99	93	106148	3.32	ng/ul#	95
27) 2,4-Dichlorophenol	11.26	162	95280	3.40	ng/ul#	86
28) Naphthalene	11.66	128	300696	3.56	ng/ul	99
30) 4-Chloroaniline	11.78	127	115758	3.63	ng/ul	94
31) Hexachlorobutadiene	12.01	225	67863	3.55	ng/ul	97
32) Caprolactam	12.58	113	27635	2.72	ng/ul	85
33) 4-Chloro-3-methylphenol	12.93	107	91345	3.27	ng/ul	98
34) 2-Methylnaphthalene	13.32	142	208122	3.57	ng/ul	95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
36) 1,2,4,5-Tetrachlorobenzene	13.72	216	119256	3.77	ng/ul	94
37) Hexachlorocyclopentadiene	13.72	237	46482	2.33	ng/ul	98
38) 2,4,6-Trichlorophenol	13.95	196	68397	3.56	ng/ul	99
39) 2,4,5-Trichlorophenol	14.03	196	72502	3.55	ng/ul	97
40) 1,1'-Biphenyl	14.36	154	251778	3.64	ng/ul	97
41) 2-Chloronaphthalene	14.39	162	195987	3.56	ng/ul	94
42) 2-Nitroaniline	14.59	65	65636	3.10	ng/ul#	90
44) Dimethylphthalate	14.99	163	254540	3.71	ng/ul#	97
45) 2,6-Dinitrotoluene	15.11	165	60147	3.47	ng/ul	95
47) Acenaphthylene	15.28	152	312305	3.98	ng/ul	99
48) 3-Nitroaniline	14.59	138	70520	3.11	ng/ul#	45
49) Acenaphthene	15.65	153	192989	3.59	ng/ul	91
50) 2,4-Dinitrophenol	15.65	184	22359	1.81	ng/ul#	1
52) 4-Nitrophenol	15.78	109	42211	3.30	ng/ul#	80
53) Dibenzofuran	15.97	168	286080	3.73	ng/ul	89
54) 2,4-Dinitrotoluene	15.92	165	80506	3.33	ng/ul#	67
55) 2,3,4,6-Tetrachlorophenol	16.22	232	62253	3.49	ng/ul#	85
56) Diethylphthalate	16.42	149	275502	3.87	ng/ul	97
58) Fluorene	16.65	166	216263	3.47	ng/ul	92
59) 4-Chlorophenyl-phenylether	16.65	204	117784	3.51	ng/ul	96
60) 4-Nitroaniline	16.65	138	41201	2.30	ng/ul#	81
63) 4,6-Dinitro-2-methylphenol	16.72	198	52791m	2.82	ng/ul	
64) N-Nitrosodiphenylamine	16.86	169	196353	3.44	ng/ul	93
65) 4-Bromophenyl-phenylether	17.57	248	74009	3.27	ng/ul	96
66) Hexachlorobenzene	17.72	284	76847	3.39	ng/ul#	87
67) Atrazine	17.84	200	72133	3.32	ng/ul#	87
68) Pentachlorophenol	18.07	266	40796	2.54	ng/ul	99
69) Phenanthrene	18.46	178	334230m	3.80	ng/ul	
71) Anthracene	18.55	178	332937	3.70	ng/ul	100
72) Carbazole	18.82	167	274211	3.65	ng/ul	98
73) Di-n-butylphthalate	19.40	149	469386	3.83	ng/ul	98
74) Fluoranthene	20.52	202	373056	4.16	ng/ul#	95
77) Pyrene	20.88	202	348496	3.64	ng/ul#	89
78) Butylbenzylphthalate	21.79	149	202296	3.26	ng/ul#	94
79) 3,3'-Dichlorobenzidine	22.67	252	68561	2.12	ng/ul#	91
80) Benzo(a)anthracene	22.77	228	363679	3.89	ng/ul	97
81) Bis(2-ethylhexyl)phthalate	22.67	149	274141	3.32	ng/ul	98
82) Chrysene	22.83	228	309758	3.54	ng/ul	99
84) Di-n-octyl phthalate	22.67	149	274141	3.62	ng/ul#	42
85) Benzo(b)fluoranthene	24.91	252	287470	2.99	ng/ul	98
86) Benzo(k)fluoranthene	24.96	252	294656m	3.96	ng/ul	
88) Benzo(a)pyrene	25.71	252	281561	3.48	ng/ul#	96
89) Indeno(1,2,3-cd)pyrene	29.16	276	199596	2.83	ng/ul#	95
90) Dibenzo(a,h)anthracene	29.20	278	153579	2.62	ng/ul#	90
91) Benzo(g,h,i)perylene	30.16	276	164769	2.96	ng/ul#	93

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

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