Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM081718\
Data File : BM016459.D
Acq On : 18 Aug 2018 04:23
Operator : SJ/JU
Sample : PB112169BS
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
PB112169BS

Manual Integrations APPROVED
Sohil
8/20/2018 4:17:11 PM

Quant Time: Aug 18 05:16:50 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM081718.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 17 16:27:00 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	11278	20.00	ng		0.00
21) Naphthalene-d8	10.86	136	54491	20.00	ng		0.00
38) Acenaphthene-d10	14.70	164	41640	20.00	ng		0.00
63) Phenanthrene-d10	17.44	188	114064	20.00	ng		0.00
75) Chrysene-d12	21.58	240	171048	20.00	ng		0.00
86) Perylene-d12	23.89	264	170955	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.59	112	82195	122.48	ng		0.00
7) Phenol-d6	7.23	99	113294	125.60	ng		0.00
23) Nitrobenzene-d5	9.24	82	91334	69.81	ng		0.00
41) 2,4,6-Tribromophenol	16.19	330	78315	124.52	ng		0.00
44) 2-Fluorobiphenyl	13.31	172	259941	64.91	ng		-0.01
78) Terphenyl-d14	20.03	244	674689	59.62	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.39	88	10167	30.253	ng	#	100
3) Pyridine	3.83	79	18336	27.101	ng	#	65
4) n-Nitrosodimethylamine	3.75	42	28355	36.372	ng	#	27
6) Aniline	7.39	93	25741	27.578	ng	#	85
8) 2-Chlorophenol	7.62	128	33255	40.194	ng		96
9) Benzaldehyde	7.21	77	16408	27.665	ng	#	80
10) Phenol	7.26	94	37551	42.977	ng		83
11) bis(2-Chloroethyl)ether	7.48	93	22709	34.235	ng		86
12) 1,3-Dichlorobenzene	7.94	146	31063	32.758	ng	#	86
13) 1,4-Dichlorobenzene	8.09	146	31432	32.790	ng		92
14) 1,2-Dichlorobenzene	8.40	146	32611	34.630	ng	#	93
15) Benzyl Alcohol	8.32	79	35363	43.192	ng	#	76
16) 2,2'-oxybis(1-Chloropropan	8.59	45	28866	34.570	ng		83
17) 2-Methylphenol	8.52	107	27496	43.550	ng	#	74
18) Hexachloroethane	9.12	117	16164	32.745	ng		91
19) n-Nitroso-di-n-propylamine	8.87	70	25024	36.540	ng	#	63
20) 3+4-Methylphenols	8.85	107	38603	44.491	ng	#	80
22) Acetophenone	8.90	105	49627	33.958	ng	#	70
24) Nitrobenzene	9.29	77	42644	33.811	ng	#	95
25) Isophorone	9.80	82	71256	40.832	ng	#	95
26) 2-Nitrophenol	10.00	139	17876	33.692	ng	#	27
27) 2,4-Dimethylphenol	10.05	122	34724	48.956	ng	#	73
28) bis(2-Chloroethoxy)methane	10.27	93	37660	37.306	ng		99
29) 2,4-Dichlorophenol	10.53	162	40010	41.726	ng		98
30) 1,2,4-Trichlorobenzene	10.73	180	38324	33.798	ng		98
31) Naphthalene	10.92	128	106089	38.387	ng		96
32) Benzoic acid	10.23	122	24923	43.261	ng	#	75
33) 4-Chloroaniline	11.05	127	26871	22.686	ng	#	81
34) Hexachlorobutadiene	11.16	225	31414	32.140	ng		100
35) Caprolactam	11.86	113	11715m	47.656	ng		
36) 4-Chloro-3-methylphenol	12.17	107	47402	43.352	ng		85
37) 2-Methylnaphthalene	12.52	142	89135	43.476	ng	#	84
39) 1,2,4,5-Tetrachlorobenzene	12.89	216	56017	32.861	ng	#	100
40) Hexachlorocyclopentadiene	12.84	237	44947	65.337	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.14	196	39264	36.853	ng		98
43) 2,4,5-Trichlorophenol	13.22	196	41476	39.902	ng	#	83
45) 1,1'-Biphenyl	13.53	154	129704	33.654	ng		98
46) 2-Chloronaphthalene	13.58	162	99146	32.975	ng	#	89
47) 2-Nitroaniline	13.80	65	38611	37.030	ng	#	74
48) Acenaphthylene	14.42	152	175042	38.717	ng		97
49) Dimethylphthalate	14.16	163	160882	39.399	ng	#	99
50) 2,6-Dinitrotoluene	14.30	165	31223	40.285	ng	#	36
51) Acenaphthene	14.76	154	98962	36.271	ng		94
52) 3-Nitroaniline	14.64	138	21439	28.075	ng	#	77
53) 2,4-Dinitrophenol	14.86	184	36905	89.669	ng	#	62
54) Dibenzofuran	15.10	168	179320	37.300	ng	#	77
55) 4-Nitrophenol	14.95	139	45458	91.137	ng	#	86
56) 2,4-Dinitrotoluene	15.10	165	50553	39.021	ng	#	65
57) Fluorene	15.74	166	149039	40.578	ng		99
58) 2,3,4,6-Tetrachlorophenol	15.33	232	42919	44.070	ng	#	100
59) Diethylphthalate	15.51	149	181771	39.229	ng		94
60) 4-Chlorophenyl-phenylether	15.73	204	81860	35.229	ng	#	79
61) 4-Nitroaniline	15.80	138	29931	40.539	ng	#	1
62) Azobenzene	16.02	77	206159	38.580	ng	#	69
64) 4,6-Dinitro-2-methylphenol	15.86	198	27267	34.280	ng		89
65) n-Nitrosodiphenylamine	15.95	169	133361	34.551	ng		94
66) 4-Bromophenyl-phenylether	16.62	248	52031	33.915	ng	#	76
67) Hexachlorobenzene	16.74	284	52031	34.560	ng	#	60
68) Atrazine	16.90	200	61629	43.556	ng		95
69) Pentachlorophenol	17.09	266	55765	64.690	ng		97
70) Phenanthrene	17.48	178	251247	38.878	ng		100
71) Anthracene	17.57	178	257470	40.133	ng		99
72) Carbazole	17.85	167	229714	36.995	ng	#	96
73) Di-n-butylphthalate	18.37	149	330776	37.119	ng	#	95
74) Fluoranthene	19.48	202	333610	42.733	ng		96
76) Benzidine	19.67	184	158372	42.069	ng		99
77) Pyrene	19.84	202	350462	31.049	ng		99
79) Butylbenzylphthalate	20.70	149	178349	33.713	ng	#	75
80) Benzo(a)anthracene	21.56	228	432147	39.049	ng		98
81) 3,3'-Dichlorobenzidine	21.50	252	95093	24.137	ng		100
82) Chrysene	21.62	228	396429	38.117	ng		99
83) Bis(2-ethylhexyl)phthalate	21.46	149	270543	35.850	ng		93
84) Di-n-octyl phthalate	22.35	149	485915	42.928	ng	#	88
85) Indeno(1,2,3-cd)pyrene	26.24	276	512010	60.187	ng		99
87) Benzo(b)fluoranthene	23.19	252	434437	38.364	ng	#	93
88) Benzo(k)fluoranthene	23.24	252	415000	36.671	ng	#	95
89) Benzo(a)pyrene	23.79	252	414979	40.485	ng	#	97
90) Dibenzo(a,h)anthracene	26.24	278	437005	47.542	ng	#	92
91) Benzo(g,h,i)perylene	26.96	276	382757	46.330	ng	#	87

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

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