Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051717\
Data File : BF095195.D
Acq On : 17 May 2017 20:38
Operator : SJ/MA
Sample : I3186-06MSD
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : E2-R3-WSWMSD

Manual Integrations APPROVED
mohammad
5/18/2017 2:29:20 PM

Quant Time: May 18 08:54:01 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050217.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu May 18 04:48:06 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.78	152	88150	20.00	ng		0.00
21) Naphthalene-d8	9.79	136	354858	20.00	ng		0.00
38) Acenaphthene-d10	12.62	164	152873	20.00	ng		0.00
63) Phenanthrene-d10	15.02	188	269271	20.00	ng		0.00
75) Chrysene-d12	18.69	240	218691	20.00	ng		0.00
86) Perylene-d12	20.37	264	160289	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.75	112	789282	149.28	ng		0.01
7) Phenol-d6	7.32	99	881491	138.95	ng		0.01
23) Nitrobenzene-d5	8.68	82	513085	91.18	ng		0.00
41) 2,4,6-Tribromophenol	13.92	330	201707	161.11	ng		0.00
44) 2-Fluorobiphenyl	11.56	172	1016994	95.75	ng		0.00
78) Terphenyl-d14	17.34	244	848063	85.41	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.31	88	98545	38.00	ng		94
3) Pyridine	3.01	79	217312	36.16	ng		100
4) n-Nitrosodimethylamine	2.93	42	98091	39.16	ng		85
6) Aniline	7.28	93	308351	38.50	ng		95
8) 2-Chlorophenol	7.47	128	294618	48.96	ng		97
9) Benzaldehyde	7.11	77	98044	25.31	ng		98
10) Phenol	7.34	94	313602	46.91	ng		89
11) bis(2-Chloroethyl)ether	7.41	93	248039	44.94	ng		96
12) 1,3-Dichlorobenzene	7.68	146	314702	46.10	ng		96
13) 1,4-Dichlorobenzene	7.80	146	323193	46.68	ng		97
14) 1,2-Dichlorobenzene	8.04	146	302532	46.82	ng		96
15) Benzyl Alcohol	8.06	79	223580	54.79	ng		96
16) 2,2'-oxybis(1-Chloropropan	8.26	45	303343	38.83	ng		59
17) 2-Methylphenol	8.27	107	214025	43.46	ng	#	91
18) Hexachloroethane	8.55	117	96289	41.06	ng	#	83
19) n-Nitroso-di-n-propylamine	8.48	70	183270	42.72	ng		96
20) 3+4-Methylphenols	8.52	107	284480	42.51	ng	#	58
22) Acetophenone	8.45	105	375563	44.11	ng	#	85
24) Nitrobenzene	8.71	77	256186	43.43	ng		93
25) Isophorone	9.11	82	469524	46.73	ng	#	94
26) 2-Nitrophenol	9.21	139	152735	47.99	ng		97
27) 2,4-Dimethylphenol	9.34	122	233640	45.40	ng		98
28) bis(2-Chloroethoxy)methane	9.47	93	305423	43.94	ng		98
29) 2,4-Dichlorophenol	9.63	162	232321	47.81	ng		99
30) 1,2,4-Trichlorobenzene	9.71	180	236961	45.52	ng		99
31) Naphthalene	9.82	128	810782	45.46	ng		99
32) Benzoic acid	9.64	122	6952	6.92	ng	#	77
33) 4-Chloroaniline	9.98	127	93335	14.04	ng	#	93
34) Hexachlorobutadiene	10.04	225	120910	44.02	ng		98
35) Caprolactam	10.60	113	64127m	43.95	ng		
36) 4-Chloro-3-methylphenol	10.82	107	234931	45.22	ng		89
37) 2-Methylnaphthalene	10.95	142	530971	45.36	ng		98
39) 1,2,4,5-Tetrachlorobenzene	11.22	216	224075	47.66	ng		99
40) Hexachlorocyclopentadiene	11.20	237	144368	73.57	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	11.45	196	163589	52.12	ng		99
43) 2,4,5-Trichlorophenol	11.54	196	155668	46.14	ng		94
45) 1,1'-Biphenyl	11.71	154	574899	44.67	ng		98
46) 2-Chloronaphthalene	11.73	162	459771	44.24	ng		96
47) 2-Nitroaniline	11.95	65	127792	44.93	ng	#	81
48) Acenaphthylene	12.39	152	744861	45.76	ng		98
49) Dimethylphthalate	12.27	163	710478	56.61	ng		98
50) 2,6-Dinitrotoluene	12.36	165	123515	48.24	ng		97
51) Acenaphthene	12.68	154	434478	44.69	ng		99
52) 3-Nitroaniline	12.64	138	75744	27.56	ng		84
53) 2,4-Dinitrophenol	12.84	184	90817	65.62	ng	#	67
54) Dibenzofuran	12.96	168	722798	53.72	ng		98
55) 4-Nitrophenol	13.02	139	152373	92.32	ng	#	75
56) 2,4-Dinitrotoluene	13.03	165	183111	55.66	ng	#	93
57) Fluorene	13.52	166	585283	50.03	ng		99
58) 2,3,4,6-Tetrachlorophenol	13.21	232	129408	60.95	ng	#	89
59) Diethylphthalate	13.41	149	573642	47.69	ng		100
60) 4-Chlorophenyl-phenylether	13.54	204	251831	48.98	ng		92
61) 4-Nitroaniline	13.64	138	115026	45.59	ng		95
62) Azobenzene	13.79	77	552393	57.15	ng		95
64) 4,6-Dinitro-2-methylphenol	13.69	198	91068	50.45	ng	#	69
65) n-Nitrosodiphenylamine	13.75	169	514457	52.64	ng		99
66) 4-Bromophenyl-phenylether	14.32	248	128482	45.16	ng		98
67) Hexachlorobenzene	14.41	284	127129	43.60	ng	#	88
68) Atrazine	14.67	200	133138	48.25	ng		97
69) Pentachlorophenol	14.77	266	98442	75.07	ng		100
70) Phenanthrene	15.07	178	714690	46.19	ng		98
71) Anthracene	15.15	178	765801	48.46	ng		98
72) Carbazole	15.42	167	705746	49.08	ng		97
73) Di-n-butylphthalate	15.99	149	812878	45.33	ng		98
74) Fluoranthene	16.80	202	763081	48.08	ng		99
76) Benzidine	17.02	184	191141	34.47	ng	#	92
77) Pyrene	17.11	202	780644	47.73	ng		99
79) Butylbenzylphthalate	18.00	149	342378	45.00	ng		88
80) Benzo(a)anthracene	18.68	228	581654	45.70	ng		98
81) 3,3'-Dichlorobenzidine	18.66	252	113931	25.92	ng	#	95
82) Chrysene	18.72	228	563595	45.80	ng		98
83) Bis(2-ethylhexyl)phthalate	18.74	149	468540	43.23	ng	#	100
84) Di-n-octyl phthalate	19.51	149	726761	40.90	ng		96
85) Indeno(1,2,3-cd)pyrene	21.69	276	434765	43.50	ng		99
87) Benzo(b)fluoranthene	19.96	252	451304	45.57	ng		98
88) Benzo(k)fluoranthene	19.98	252	473210	49.53	ng		96
89) Benzo(a)pyrene	20.31	252	427119	46.73	ng		97
90) Dibenzo(a,h)anthracene	21.70	278	352559	46.71	ng		97
91) Benzo(g,h,i)perylene	22.08	276	371137	50.11	ng		98

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

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