Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF052417\
Data File : BF095398.D
Acq On : 24 May 2017 20:03
Operator : SJ/MA
Sample : I3241-18MSD
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : EP1-WC2(0-6)MSD

Manual Integrations APPROVED
mohammad
5/25/2017 8:52:45 AM

Quant Time: May 25 04:42:17 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 17:07:53 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.75	152	80782	20.00	ng		-0.02
21) Naphthalene-d8	9.77	136	307271	20.00	ng		-0.02
38) Acenaphthene-d10	12.60	164	115549	20.00	ng		-0.02
63) Phenanthrene-d10	15.01	188	194331	20.00	ng		-0.02
75) Chrysene-d12	18.69	240	150170	20.00	ng		0.00
86) Perylene-d12	20.37	264	115764	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.72	112	624016	128.79	ng		-0.01
7) Phenol-d6	7.30	99	716072	123.17	ng		-0.01
23) Nitrobenzene-d5	8.65	82	406439	83.41	ng		-0.02
41) 2,4,6-Tribromophenol	13.90	330	106859	112.92	ng		-0.02
44) 2-Fluorobiphenyl	11.54	172	733338	91.35	ng		-0.02
78) Terphenyl-d14	17.33	244	558549	81.92	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.23	88	80914	34.05	ng		94
3) Pyridine	2.94	79	185303	33.65	ng		97
4) n-Nitrosodimethylamine	2.85	42	74914	32.63	ng	#	90
6) Aniline	7.26	93	176593	24.06	ng		95
8) 2-Chlorophenol	7.45	128	226061	40.99	ng		95
9) Benzaldehyde	7.08	77	72797	20.51	ng	#	75
10) Phenol	7.32	94	283786	46.32	ng		92
11) bis(2-Chloroethyl)ether	7.38	93	208294	41.18	ng		95
12) 1,3-Dichlorobenzene	7.65	146	244624	39.10	ng		98
13) 1,4-Dichlorobenzene	7.78	146	255921	40.34	ng		96
14) 1,2-Dichlorobenzene	8.01	146	234599	39.62	ng		97
15) Benzyl Alcohol	8.04	79	168804	45.14	ng		95
16) 2,2'-oxybis(1-Chloropropan	8.24	45	275179	38.44	ng		97
17) 2-Methylphenol	8.26	107	177776	39.39	ng		97
18) Hexachloroethane	8.52	117	61614	28.67	ng	#	88
19) n-Nitroso-di-n-propylamine	8.45	70	144303	36.70	ng		95
20) 3+4-Methylphenols	8.52	107	228463	37.25	ng	#	60
22) Acetophenone	8.42	105	266995	36.22	ng	#	82
24) Nitrobenzene	8.68	77	207137	40.56	ng		92
25) Isophorone	9.08	82	370563	42.59	ng		95
26) 2-Nitrophenol	9.20	139	71623	25.99	ng		99
27) 2,4-Dimethylphenol	9.33	122	187593	42.10	ng		96
28) bis(2-Chloroethoxy)methane	9.44	93	249660	41.48	ng		98
29) 2,4-Dichlorophenol	9.63	162	163555	38.87	ng		99
30) 1,2,4-Trichlorobenzene	9.70	180	182013	40.38	ng		100
31) Naphthalene	9.80	128	710754	46.02	ng		99
33) 4-Chloroaniline	9.97	127	78434	13.63	ng		97
34) Hexachlorobutadiene	10.01	225	90395	38.01	ng		99
35) Caprolactam	10.57	113	46208	36.58	ng	#	81
36) 4-Chloro-3-methylphenol	10.82	107	167239	37.18	ng		92
37) 2-Methylnaphthalene	10.92	142	432071	42.63	ng		98
39) 1,2,4,5-Tetrachlorobenzene	11.21	216	154098	43.37	ng		99
40) Hexachlorocyclopentadiene	11.18	237	339	6.27	ng	#	27
42) 2,4,6-Trichlorophenol	11.44	196	95991	40.46	ng		97

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43) 2,4,5-Trichlorophenol	11.55	196	95467	37.44	ng		94
45) 1,1'-Biphenyl	11.69	154	445791	45.82	ng		98
46) 2-Chloronaphthalene	11.71	162	329020	41.88	ng		95
47) 2-Nitroaniline	11.93	65	96712	44.98	ng		89
48) Acenaphthylene	12.37	152	569082	46.25	ng		99
49) Dimethylphthalate	12.24	163	463110	48.82	ng		98
50) 2,6-Dinitrotoluene	12.34	165	62805	32.45	ng	#	90
51) Acenaphthene	12.65	154	363321	49.44	ng		99
52) 3-Nitroaniline	12.62	138	78838	37.96	ng		87
54) Dibenzofuran	12.94	168	486719	47.86	ng		97
55) 4-Nitrophenol	13.05	139	64283	51.53	ng	#	78
56) 2,4-Dinitrotoluene	13.02	165	73192	29.43	ng	#	94
57) Fluorene	13.50	166	423431	47.88	ng		98
58) 2,3,4,6-Tetrachlorophenol	13.20	232	63943	39.84	ng		94
59) Diethylphthalate	13.38	149	355222	39.07	ng		100
60) 4-Chlorophenyl-phenylether	13.52	204	149641	38.50	ng		88
61) 4-Nitroaniline	13.62	138	73517	38.55	ng		92
62) Azobenzene	13.77	77	300809	41.17	ng		91
65) n-Nitrosodiphenylamine	13.72	169	288034	40.84	ng		98
66) 4-Bromophenyl-phenylether	14.30	248	80790	39.35	ng		99
67) Hexachlorobenzene	14.39	284	78966	37.53	ng	#	84
68) Atrazine	14.65	200	78879	39.61	ng		97
69) Pentachlorophenol	14.77	266	48935	53.53	ng		96
70) Phenanthrene	15.05	178	1802052	161.39	ng		99
71) Anthracene	15.13	178	799881	70.13	ng		98
72) Carbazole	15.41	167	558686	53.84	ng		97
73) Di-n-butylphthalate	15.97	149	536923	41.49	ng		99
74) Fluoranthene	16.81	202	2181646	190.48	ng		100
77) Pyrene	17.11	202	2252209	200.53	ng		98
79) Butylbenzylphthalate	17.99	149	241163	46.16	ng		87
80) Benzo(a)anthracene	18.68	228	1250660	143.10	ng		99
81) 3,3'-Dichlorobenzidine	18.65	252	70865	23.48	ng		94
82) Chrysene	18.73	228	1084814	128.37	ng		97
83) Bis(2-ethylhexyl)phthalate	18.74	149	302045	40.58	ng	#	99
84) Di-n-octyl phthalate	19.50	149	564767	46.28	ng		98
85) Indeno(1,2,3-cd)pyrene	21.71	276	542184	79.00	ng		94
87) Benzo(b)fluoranthene	19.97	252	1031209	144.16	ng		98
88) Benzo(k)fluoranthene	19.99	252	474597m	68.78	ng		
89) Benzo(a)pyrene	20.31	252	749751	113.59	ng		98
90) Dibenzo(a,h)anthracene	21.70	278	286330	52.52	ng		96
91) Benzo(g,h,i)perylene	22.09	276	502970	94.02	ng		98

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

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