Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF062217\
Data File : BF096129.D
Acq On : 22 Jun 2017 19:00
Operator : SJ/MA
Sample : I3775-04MSD
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
GHD-SB-020304-0-11MSD

Manual Integrations APPROVED
mohammad
6/26/2017 8:28:00 AM

Quant Time: Jun 23 01:40:24 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF060517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jun 20 16:05:47 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.27	152	89392	20.00	ng		-0.02
21) Naphthalene-d8	9.31	136	356815	20.00	ng		-0.02
38) Acenaphthene-d10	12.13	164	156683	20.00	ng		-0.02
63) Phenanthrene-d10	14.53	188	206042	20.00	ng		-0.01
75) Chrysene-d12	18.27	240	145730	20.00	ng		0.00
86) Perylene-d12	19.94	264	132422	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.17	112	643234	114.66	ng		-0.01
7) Phenol-d6	6.87	99	832193	123.91	ng		0.00
23) Nitrobenzene-d5	8.20	82	523953	91.20	ng		-0.02
41) 2,4,6-Tribromophenol	13.44	330	125443	90.49	ng		-0.01
44) 2-Fluorobiphenyl	11.09	172	908714	80.71	ng		-0.02
78) Terphenyl-d14	16.92	244	500587	85.25	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	1.61	88	88025	32.98	ng		94
3) Pyridine	2.14	79	231792	36.95	ng		99
4) n-Nitrosodimethylamine	2.12	42	106833	44.80	ng		85
6) Aniline	6.78	93	311873	35.50	ng		95
8) 2-Chlorophenol	6.97	128	278632	46.71	ng		95
9) Benzaldehyde	6.60	77	69383	15.32	ng		94
10) Phenol	6.88	94	359180	51.56	ng		91
11) bis(2-Chloroethyl)ether	6.93	93	251213	45.52	ng		96
12) 1,3-Dichlorobenzene	7.17	146	257124	38.08	ng		99
13) 1,4-Dichlorobenzene	7.30	146	294684	43.04	ng		97
14) 1,2-Dichlorobenzene	7.53	146	281757	44.64	ng		97
15) Benzyl Alcohol	7.59	79	223262	48.43	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.77	45	333295	42.98	ng		98
17) 2-Methylphenol	7.84	107	202754	40.50	ng		94
18) Hexachloroethane	8.05	117	87597	38.74	ng	#	86
19) n-Nitroso-di-n-propylamine	8.02	70	178985	42.05	ng		95
20) 3+4-Methylphenols	8.10	107	286939	45.16	ng	#	57
22) Acetophenone	7.97	105	348034	41.67	ng	#	85
24) Nitrobenzene	8.23	77	276122	44.99	ng		95
25) Isophorone	8.64	82	438864	40.91	ng		97
26) 2-Nitrophenol	8.75	139	122207	38.03	ng		97
27) 2,4-Dimethylphenol	8.91	122	242891	48.70	ng		98
28) bis(2-Chloroethoxy)methane	9.02	93	304009	42.99	ng		98
29) 2,4-Dichlorophenol	9.20	162	218191	45.42	ng		98
30) 1,2,4-Trichlorobenzene	9.25	180	217654	43.55	ng		99
31) Naphthalene	9.35	128	765983	42.77	ng		99
33) 4-Chloroaniline	9.51	127	230064	32.87	ng		94
34) Hexachlorobutadiene	9.56	225	97499	37.75	ng		99
35) Caprolactam	10.13	113	58370m	40.84	ng		
36) 4-Chloro-3-methylphenol	10.40	107	233348	46.41	ng		89
37) 2-Methylnaphthalene	10.47	142	538882	44.54	ng		98
39) 1,2,4,5-Tetrachlorobenzene	10.76	216	196258	41.85	ng		99
40) Hexachlorocyclopentadiene	10.72	237	5806	14.64	ng		86
42) 2,4,6-Trichlorophenol	11.00	196	127866	42.41	ng		95

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,5-Trichlorophenol	11.10	196	126020	39.30	ng		95
45) 1,1'-Biphenyl	11.25	154	547828	42.42	ng		98
46) 2-Chloronaphthalene	11.26	162	429365	42.55	ng		95
47) 2-Nitroaniline	11.49	65	135099	45.76	ng		87
48) Acenaphthylene	11.90	152	667549	38.69	ng		99
49) Dimethylphthalate	11.81	163	732581	61.58	ng		99
50) 2,6-Dinitrotoluene	11.90	165	100958	38.91	ng	#	62
51) Acenaphthene	12.19	154	401046	40.25	ng		100
52) 3-Nitroaniline	12.17	138	119451	39.51	ng		94
54) Dibenzofuran	12.47	168	522282	37.24	ng		98
55) 4-Nitrophenol	12.62	139	81050	47.89	ng	#	74
56) 2,4-Dinitrotoluene	12.58	165	122197	34.87	ng	#	87
57) Fluorene	13.03	166	413002	33.84	ng		100
58) 2,3,4,6-Tetrachlorophenol	12.74	232	65226	29.73	ng	#	93
59) Diethylphthalate	12.95	149	435447	38.03	ng		100
60) 4-Chlorophenyl-phenylether	13.06	204	186555	35.15	ng		90
61) 4-Nitroaniline	13.17	138	101418	35.93	ng		94
62) Azobenzene	13.32	77	385423	37.15	ng		94
65) n-Nitrosodiphenylamine	13.27	169	355321	47.99	ng		98
66) 4-Bromophenyl-phenylether	13.84	248	99447	46.44	ng		98
67) Hexachlorobenzene	13.93	284	95691	45.35	ng	#	90
68) Atrazine	14.20	200	100407	48.73	ng		97
69) Pentachlorophenol	14.31	266	21426	31.17	ng		93
70) Phenanthrene	14.57	178	574122	48.29	ng		97
71) Anthracene	14.66	178	547495	44.11	ng		98
72) Carbazole	14.96	167	486601	40.23	ng		97
73) Di-n-butylphthalate	15.55	149	649090	50.44	ng		98
74) Fluoranthene	16.36	202	561764	47.74	ng		98
76) Benzidine	16.60	184	227815	40.70	ng	#	92
77) Pyrene	16.66	202	544922	50.11	ng		100
79) Butylbenzylphthalate	17.59	149	220097	46.35	ng	#	85
80) Benzo(a)anthracene	18.26	228	413321	48.78	ng		100
81) 3,3'-Dichlorobenzidine	18.24	252	122431	40.64	ng	#	95
82) Chrysene	18.30	228	403058	47.60	ng		98
83) Bis(2-ethylhexyl)phthalate	18.34	149	319206	47.65	ng		99
84) Di-n-octyl phthalate	19.11	149	512774	46.45	ng		97
85) Indeno(1,2,3-cd)pyrene	21.10	276	304803	42.07	ng		99
87) Benzo(b)fluoranthene	19.54	252	390862	47.14	ng		98
88) Benzo(k)fluoranthene	19.57	252	362202	45.70	ng		97
89) Benzo(a)pyrene	19.89	252	356015	46.71	ng		99
90) Dibenzo(a,h)anthracene	21.10	278	250629	38.77	ng		97
91) Benzo(g,h,i)perylene	21.43	276	246055	37.33	ng		98

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

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