Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF061215\
Data File : BF079975.D
Acq On : 13 Jun 2015 13:03
Operator : TP/IZ
Sample : G2599-01MS
Misc :
ALS Vial : 39 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
VALHALLA-W1-9.5-10MS

Manual Integrations APPROVED
apatel
6/15/2015 1:01:11 PM

Quant Time: Jun 15 02:21:33 2015
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF061115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 12 22:57:49 2015
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.38	152	42984	20.00	ng		0.00
21) Naphthalene-d8	8.67	136	175348	20.00	ng		0.00
38) Acenaphthene-d10	10.44	164	96930	20.00	ng		0.00
63) Phenanthrene-d10	11.95	188	202542	20.00	ng		-0.02
75) Chrysene-d12	14.95	240	240826m	20.00	ng		-0.19
86) Perylene-d12	16.86	264	243470	20.00	ng		-0.24
System Monitoring Compounds							
5) 2-Fluorophenol	5.99	112	334348	142.63	ng		0.00
7) Phenol-d6	6.98	99	476448	149.18	ng		0.01
23) Nitrobenzene-d5	7.93	82	245140	92.24	ng		0.00
41) 2,4,6-Tribromophenol	11.23	330	115299	118.37	ng		-0.01
44) 2-Fluorobiphenyl	9.75	172	529639	76.51	ng		0.00
78) Terphenyl-d14	13.66	244	686430	65.71	ng		-0.11
Target Compounds							Qvalue
2) 1,4-Dioxane	3.30	88	34570	32.42	ng		97
3) Pyridine	4.10	79	111221	40.70	ng		98
4) n-Nitrosodimethylamine	4.01	42	54588	40.53	ng		99
6) Aniline	7.03	93	176051	38.09	ng		92
8) 2-Chlorophenol	7.16	128	121733	42.73	ng		89
9) Benzaldehyde	6.92	77	86931	47.35	ng		83
10) Phenol	6.99	94	176895	50.36	ng		100
11) bis(2-Chloroethyl)ether	7.10	93	121737	43.07	ng		93
12) 1,3-Dichlorobenzene	7.32	146	138189m	41.58	ng		
13) 1,4-Dichlorobenzene	7.39	146	147902	42.84	ng		95
14) 1,2-Dichlorobenzene	7.55	146	143475	46.79	ng		94
15) Benzyl Alcohol	7.50	79	106239	41.49	ng		90
16) 2,2'-oxybis(1-Chloropropan	7.64	45	200770	47.96	ng		96
17) 2-Methylphenol	7.61	107	104766	42.09	ng		95
18) Hexachloroethane	7.90	117	42109	39.39	ng	#	84
19) n-Nitroso-di-n-propylamine	7.77	70	99022	43.39	ng	#	91
20) 3+4-Methylphenols	7.76	107	142722	44.86	ng		99
22) Acetophenone	7.77	105	173116	41.80	ng	#	89
24) Nitrobenzene	7.95	77	137858	48.76	ng	#	86
25) Isophorone	8.19	82	245023	39.62	ng	#	92
26) 2-Nitrophenol	8.27	139	51773	51.86	ng	#	82
27) 2,4-Dimethylphenol	8.30	122	119952	43.28	ng		97
28) bis(2-Chloroethoxy)methane	8.39	93	147436	40.15	ng	#	97
29) 2,4-Dichlorophenol	8.51	162	119461	51.46	ng		92
30) 1,2,4-Trichlorobenzene	8.60	180	120830	40.95	ng	#	96
31) Naphthalene	8.70	128	382158	39.87	ng		100
32) Benzoic acid	8.34	122	32342	33.10	ng		97
33) 4-Chloroaniline	8.73	127	185572	49.88	ng	#	92
34) Hexachlorobutadiene	8.81	225	76474	46.69	ng		98
35) Caprolactam	9.06	113	33275	45.32	ng	#	79
36) 4-Chloro-3-methylphenol	9.20	107	113106	42.65	ng		89
37) 2-Methylnaphthalene	9.38	142	263098	40.63	ng		98
39) 1,2,4,5-Tetrachlorobenzene	9.55	216	128066	39.45	ng		98
40) Hexachlorocyclopentadiene	9.54	237	75442	59.45	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.66	196	81715	40.85	ng		96
43) 2,4,5-Trichlorophenol	9.70	196	85936	38.92	ng	#	88
45) 1,1'-Biphenyl	9.85	154	342184	43.62	ng		94
46) 2-Chloronaphthalene	9.88	162	253346	37.93	ng	#	91
47) 2-Nitroaniline	9.96	65	63278	44.46	ng	#	69
48) Acenaphthylene	10.31	152	426033	37.79	ng		98
49) Dimethylphthalate	10.14	163	401322	51.68	ng		98
50) 2,6-Dinitrotoluene	10.20	165	55413	39.62	ng	#	68
51) Acenaphthene	10.48	154	260091	40.59	ng		96
52) 3-Nitroaniline	10.38	138	63729	37.60	ng	#	74
53) 2,4-Dinitrophenol	10.48	184	22613	78.14	ng	#	1
54) Dibenzofuran	10.65	168	391602	41.83	ng		92
55) 4-Nitrophenol	10.51	139	99316	80.12	ng		94
56) 2,4-Dinitrotoluene	10.60	165	70016	38.31	ng	#	54
57) Fluorene	10.99	166	308073	37.75	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.76	232	78780	47.07	ng		94
59) Diethylphthalate	10.84	149	306937	39.53	ng		94
60) 4-Chlorophenyl-phenylether	10.98	204	145727	39.99	ng	#	81
61) 4-Nitroaniline	10.99	138	64323	36.36	ng		82
62) Azobenzene	11.14	77	294148	39.37	ng		84
64) 4,6-Dinitro-2-methylphenol	11.03	198	17583	40.56	ng		76
65) n-Nitrosodiphenylamine	11.10	169	262115	40.09	ng		99
66) 4-Bromophenyl-phenylether	11.47	248	87215	38.43	ng	#	86
67) Hexachlorobenzene	11.55	284	94112	38.01	ng	#	77
68) Atrazine	11.61	200	86803	43.13	ng		94
69) Pentachlorophenol	11.75	266	96428	82.77	ng		97
70) Phenanthrene	11.98	178	503745	41.73	ng		99
71) Anthracene	12.03	178	503346	43.09	ng		99
72) Carbazole	12.18	167	460023	40.61	ng		99
73) Di-n-butylphthalate	12.51	149	514947	41.72	ng		100
74) Fluoranthene	13.25	202	557646	41.79	ng		96
76) Benzidine	13.37	184	438337	65.73	ng		98
77) Pyrene	13.51	202	578851	38.27	ng		99
79) Butylbenzylphthalate	14.21	149	234294	45.87	ng	#	82
80) Benzo(a)anthracene	14.94	228	592459	38.74	ng		99
81) 3,3'-Dichlorobenzidine	14.88	252	206527	42.24	ng		97
82) Chrysene	14.98	228	540473	39.83	ng		99
83) Bis(2-ethylhexyl)phthalate	14.90	149	358754	43.88	ng	#	94
84) Di-n-octyl phthalate	15.73	149	611273	45.85	ng		98
85) Indeno(1,2,3-cd)pyrene	18.77	276	670591	41.87	ng		99
87) Benzo(b)fluoranthene	16.31	252	637406	42.73	ng	#	98
88) Benzo(k)fluoranthene	16.34	252	556352	36.57	ng		98
89) Benzo(a)pyrene	16.79	252	580607	40.92	ng	#	97
90) Dibenzo(a,h)anthracene	18.79	278	551539	39.55	ng		98
91) Benzo(g,h,i)perylene	19.34	276	568358	39.39	ng		99

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

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