Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080416\
Data File : BF089617.D
Acq On : 5 Aug 2016 7:30
Operator : UM/SJ
Sample : H4288-23MSD
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : GW-64-9.0-15.0MSD

Manual Integrations APPROVED
sohil
8/5/2016 6:58:59 PM

Quant Time: Aug 05 08:07:44 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF080416.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 05 01:39:23 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.45	152	45210	20.00	ng		0.00
21) Naphthalene-d8	9.47	136	198426	20.00	ng		0.00
38) Acenaphthene-d10	12.30	164	90291	20.00	ng		0.00
63) Phenanthrene-d10	14.70	188	163561	20.00	ng		0.00
75) Chrysene-d12	18.39	240	92613	20.00	ng		0.00
86) Perylene-d12	20.05	264	77794	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.34	112	169647	62.89	ng		0.02
7) Phenol-d6	6.98	99	156930	42.89	ng		0.00
23) Nitrobenzene-d5	8.36	82	318928	88.90	ng		0.00
41) 2,4,6-Tribromophenol	13.60	330	95673	128.40	ng		0.01
44) 2-Fluorobiphenyl	11.26	172	589397	84.84	ng		0.00
78) Terphenyl-d14	17.05	244	428807	91.40	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	1.80	88	23120	14.95	ng	#	70
3) Pyridine	2.40	79	31860	11.21	ng		98
4) n-Nitrosodimethylamine	2.35	42	22263m	21.64	ng		
6) Aniline	6.95	93	88440	18.65	ng		99
8) 2-Chlorophenol	7.12	128	127354	38.46	ng		97
9) Benzaldehyde	6.75	77	50046	37.70	ng		99
10) Phenol	7.00	94	62710	16.69	ng	#	72
11) bis(2-Chloroethyl)ether	7.08	93	146088	45.26	ng		98
12) 1,3-Dichlorobenzene	7.35	146	132211	36.76	ng		99
13) 1,4-Dichlorobenzene	7.47	146	131938	36.78	ng		99
14) 1,2-Dichlorobenzene	7.70	146	137201	36.28	ng		100
15) Benzyl Alcohol	7.74	79	78056	32.53	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.95	45	173494	42.21	ng		85
17) 2-Methylphenol	7.95	107	77895	32.57	ng	#	90
18) Hexachloroethane	8.23	117	52394	34.66	ng		95
19) n-Nitroso-di-n-propylamine	8.17	70	121516	45.97	ng		98
20) 3+4-Methylphenols	8.22	107	92239	30.55	ng		96
22) Acetophenone	8.12	105	179665	37.98	ng		96
24) Nitrobenzene	8.39	77	160669	47.15	ng		98
25) Isophorone	8.79	82	313704	45.67	ng		98
26) 2-Nitrophenol	8.89	139	68224	43.63	ng		97
27) 2,4-Dimethylphenol	9.04	122	114650	40.78	ng		95
28) bis(2-Chloroethoxy)methane	9.18	93	192522	46.33	ng		99
29) 2,4-Dichlorophenol	9.30	162	112576	42.32	ng		96
30) 1,2,4-Trichlorobenzene	9.40	180	120021	39.51	ng		97
31) Naphthalene	9.51	128	424269	40.23	ng		99
32) Benzoic acid	9.30	122	16105	9.12	ng		96
33) 4-Chloroaniline	9.66	127	67496	17.04	ng		99
34) Hexachlorobutadiene	9.72	225	61578	35.20	ng		98
35) Caprolactam	10.30	113	5258m	6.78	ng		
36) 4-Chloro-3-methylphenol	10.49	107	120531	38.98	ng		96
37) 2-Methylnaphthalene	10.63	142	273757	42.21	ng		98
39) 1,2,4,5-Tetrachlorobenzene	10.91	216	111155	32.75	ng		98
40) Hexachlorocyclopentadiene	10.89	237	86777	74.58	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	11.13	196	75167	44.91	ng		99
43) 2,4,5-Trichlorophenol	11.20	196	80453	44.97	ng		99
45) 1,1'-Biphenyl	11.40	154	318319	39.09	ng		99
46) 2-Chloronaphthalene	11.42	162	267348	43.79	ng		99
47) 2-Nitroaniline	11.62	65	84019	42.70	ng		91
48) Acenaphthylene	12.07	152	429520	42.71	ng		99
49) Dimethylphthalate	11.96	163	361578	51.09	ng		99
50) 2,6-Dinitrotoluene	12.04	165	70743	50.28	ng		89
51) Acenaphthene	12.35	154	256656	44.19	ng		99
52) 3-Nitroaniline	12.32	138	36811	21.87	ng		99
53) 2,4-Dinitrophenol	12.50	184	55075	85.88	ng		97
54) Dibenzofuran	12.64	168	391785	49.06	ng		98
55) 4-Nitrophenol	12.71	139	22868m	24.81	ng		
56) 2,4-Dinitrotoluene	12.71	165	95199	48.10	ng	#	84
57) Fluorene	13.19	166	309565	45.35	ng		98
58) 2,3,4,6-Tetrachlorophenol	12.87	232	64709	47.65	ng		97
59) Diethylphthalate	13.11	149	339320	46.36	ng		99
60) 4-Chlorophenyl-phenylether	13.22	204	144643	46.21	ng		98
61) 4-Nitroaniline	13.31	138	54087	35.75	ng		98
62) Azobenzene	13.49	77	369752	52.24	ng		98
64) 4,6-Dinitro-2-methylphenol	13.37	198	44573	44.92	ng		83
65) n-Nitrosodiphenylamine	13.44	169	256539	46.44	ng		99
66) 4-Bromophenyl-phenylether	14.01	248	81473	51.50	ng		99
67) Hexachlorobenzene	14.07	284	80081	46.01	ng		99
68) Atrazine	14.35	200	75013	48.63	ng		98
69) Pentachlorophenol	14.42	266	65824	87.91	ng		99
70) Phenanthrene	14.73	178	428283	48.16	ng		100
71) Anthracene	14.81	178	446419	46.82	ng		100
72) Carbazole	15.11	167	383217	48.22	ng		100
73) Di-n-butylphthalate	15.70	149	530255	49.34	ng		100
74) Fluoranthene	16.49	202	405376	44.34	ng		99
77) Pyrene	16.80	202	393638	48.08	ng		99
79) Butylbenzylphthalate	17.73	149	179408	51.49	ng		98
80) Benzo(a)anthracene	18.38	228	256454	48.19	ng		98
81) 3,3'-Dichlorobenzidine	18.37	252	19283	11.50	ng	#	96
82) Chrysene	18.42	228	259866	46.55	ng		99
83) Bis(2-ethylhexyl)phthalate	18.47	149	235612	48.84	ng		99
84) Di-n-octyl phthalate	19.25	149	350934	50.55	ng		100
85) Indeno(1,2,3-cd)pyrene	21.22	276	255758	60.33	ng		100
87) Benzo(b)fluoranthene	19.65	252	205862	43.03	ng		99
88) Benzo(k)fluoranthene	19.67	252	218226m	45.21	ng		
89) Benzo(a)pyrene	19.99	252	202414	45.18	ng		98
90) Dibenzo(a,h)anthracene	21.23	278	215766	51.56	ng		97
91) Benzo(g,h,i)perylene	21.57	276	223726	52.22	ng		94

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

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