Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF032816\
Data File : BF085848.D
Acq On : 29 Mar 2016 13:08
Operator : UM/SJ
Sample : H1834-08MSD
Misc :
ALS Vial : 50 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
13MSD

Manual Integrations APPROVED
Sohil
3/29/2016 5:04:45 PM

Quant Time: Mar 29 13:50:21 2016
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF032416.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 28 15:27:05 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	126847	20.00	ng		-0.01
21) Naphthalene-d8	8.10	136	505581	20.00	ng		-0.01
38) Acenaphthene-d10	9.85	164	206395	20.00	ng		-0.01
63) Phenanthrene-d10	11.34	188	355190	20.00	ng		-0.01
75) Chrysene-d12	13.98	240	214345	20.00	ng		0.00
86) Perylene-d12	15.40	264	222289	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.42	112	792819	104.09	ng		0.01
7) Phenol-d6	6.46	99	1013760	104.69	ng		0.00
23) Nitrobenzene-d5	7.38	82	644533	71.79	ng		-0.01
41) 2,4,6-Tribromophenol	10.65	330	258869	132.01	ng		0.00
44) 2-Fluorobiphenyl	9.18	172	983319	79.60	ng		-0.01
78) Terphenyl-d14	12.93	244	719951	69.08	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.44	88	117031	32.18	ng		98
3) Pyridine	3.16	79	308003	35.32	ng		100
4) n-Nitrosodimethylamine	3.11	42	136449	39.09	ng		100
6) Aniline	6.48	93	316613	24.29	ng	#	90
8) 2-Chlorophenol	6.61	128	335810	37.95	ng		92
9) Benzaldehyde	6.37	77	57040	9.78	ng		93
10) Phenol	6.47	94	372703	33.97	ng		88
11) bis(2-Chloroethyl)ether	6.55	93	329317	39.01	ng		93
12) 1,3-Dichlorobenzene	6.76	146	354562	37.21	ng	#	96
13) 1,4-Dichlorobenzene	6.84	146	366256	37.90	ng		94
14) 1,2-Dichlorobenzene	6.98	146	317170	35.21	ng		96
15) Benzyl Alcohol	6.96	79	244451	37.84	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.10	45	389130	34.74	ng		94
17) 2-Methylphenol	7.09	107	275002	38.82	ng		97
18) Hexachloroethane	7.33	117	127763	36.10	ng		93
19) n-Nitroso-di-n-propylamine	7.24	70	198927	34.31	ng		94
20) 3+4-Methylphenols	7.24	107	316168	37.12	ng	#	89
22) Acetophenone	7.24	105	440052	37.36	ng	#	96
24) Nitrobenzene	7.41	77	379802	41.04	ng		90
25) Isophorone	7.65	82	660907	38.21	ng		95
26) 2-Nitrophenol	7.73	139	173378	37.45	ng	#	86
27) 2,4-Dimethylphenol	7.76	122	290255	35.86	ng		99
28) bis(2-Chloroethoxy)methane	7.85	93	380173	38.58	ng		98
29) 2,4-Dichlorophenol	7.97	162	273740	40.24	ng		97
30) 1,2,4-Trichlorobenzene	8.05	180	287895	38.12	ng		95
31) Naphthalene	8.13	128	957898	37.60	ng		99
32) Benzoic acid	7.88	122	88688	16.50	ng		98
33) 4-Chloroaniline	8.17	127	137495	13.22	ng	#	92
34) Hexachlorobutadiene	8.24	225	148643	36.21	ng		99
35) Caprolactam	8.55	113	81428	33.79	ng		97
36) 4-Chloro-3-methylphenol	8.68	107	293402	36.92	ng		89
37) 2-Methylnaphthalene	8.81	142	578244	37.35	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.98	216	249535	40.77	ng		98
40) Hexachlorocyclopentadiene	8.97	237	110522	47.54	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.10	196	173633	42.00	ng		99
43) 2,4,5-Trichlorophenol	9.14	196	182514	42.10	ng	#	88
45) 1,1'-Biphenyl	9.28	154	679974	39.04	ng		97
46) 2-Chloronaphthalene	9.30	162	501847	39.19	ng	#	91
47) 2-Nitroaniline	9.41	65	177856	45.42	ng		98
48) Acenaphthylene	9.72	152	797772	38.23	ng		99
49) Dimethylphthalate	9.59	163	905514	57.83	ng		99
50) 2,6-Dinitrotoluene	9.65	165	125052	37.10	ng		96
51) Acenaphthene	9.89	154	483307	37.92	ng		100
52) 3-Nitroaniline	9.82	138	111204	28.82	ng		89
53) 2,4-Dinitrophenol	9.93	184	57768	37.40	ng	#	70
54) Dibenzofuran	10.07	168	692662	41.99	ng		93
55) 4-Nitrophenol	9.99	139	185464	73.79	ng		99
56) 2,4-Dinitrotoluene	10.06	165	182293	42.55	ng	#	85
57) Fluorene	10.40	166	511572	37.30	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.18	232	135955	45.12	ng		97
59) Diethylphthalate	10.29	149	659198	42.61	ng		98
60) 4-Chlorophenyl-phenylether	10.40	204	276993	41.31	ng	#	84
61) 4-Nitroaniline	10.44	138	139916	37.92	ng		97
62) Azobenzene	10.56	77	657595	44.23	ng		90
64) 4,6-Dinitro-2-methylphenol	10.47	198	50019	24.05	ng	#	54
65) n-Nitrosodiphenylamine	10.52	169	457254	40.64	ng		99
66) 4-Bromophenyl-phenylether	10.89	248	147436	40.57	ng	#	83
67) Hexachlorobenzene	10.95	284	152342	40.09	ng	#	68
68) Atrazine	11.05	200	160872	42.35	ng		96
69) Pentachlorophenol	11.16	266	140825	75.48	ng		98
70) Phenanthrene	11.36	178	725169	39.76	ng		99
71) Anthracene	11.42	178	804585	42.02	ng		99
72) Carbazole	11.58	167	670563	41.72	ng		98
73) Di-n-butylphthalate	11.90	149	867641	39.33	ng		99
74) Fluoranthene	12.55	202	640537	33.04	ng		94
76) Benzidine	12.68	184	120705	15.99	ng		98
77) Pyrene	12.78	202	624285	35.43	ng		99
79) Butylbenzylphthalate	13.40	149	305754	41.44	ng	#	86
80) Benzo(a)anthracene	13.97	228	478772	39.17	ng		99
81) 3,3'-Dichlorobenzidine	13.93	252	99856	11.77	ng	#	96
82) Chrysene	14.00	228	464815	37.76	ng		99
83) Bis(2-ethylhexyl)phthalate	13.96	149	394570	44.66	ng	#	96
84) Di-n-octyl phthalate	14.56	149	605109	46.06	ng		100
85) Indeno(1,2,3-cd)pyrene	16.78	276	550284	57.89	ng		99
87) Benzo(b)fluoranthene	14.99	252	621492m	44.38	ng		
88) Benzo(k)fluoranthene	15.02	252	371151m	29.40	ng		
89) Benzo(a)pyrene	15.34	252	495403	39.84	ng	#	97
90) Dibenzo(a,h)anthracene	16.79	278	469346	40.63	ng		99
91) Benzo(g,h,i)perylene	17.20	276	438622	37.50	ng		94

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

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