Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF043016\
Data File : BF086548.D
Acq On : 1 May 2016 3:48
Operator : UM/SJ
Sample : H2720-11MSD
Misc :
ALS Vial : 35 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SS5MSD

Manual Integrations APPROVED
sohil
5/2/2016 7:57:55 PM

Quant Time: May 02 01:24:48 2016
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF042716.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 27 14:20:52 2016
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	140881	20.00	ng		-0.05
21) Naphthalene-d8	8.05	136	610462	20.00	ng		-0.05
38) Acenaphthene-d10	9.80	164	295728	20.00	ng		-0.05
63) Phenanthrene-d10	11.29	188	567401	20.00	ng		-0.03
75) Chrysene-d12	13.92	240	388862	20.00	ng		-0.05
86) Perylene-d12	15.31	264	337125	20.00	ng		-0.05
System Monitoring Compounds							
5) 2-Fluorophenol	5.37	112	1136117	139.10	ng		-0.02
7) Phenol-d6	6.41	99	1519672	133.31	ng		-0.03
23) Nitrobenzene-d5	7.33	82	953511	84.19	ng		-0.05
41) 2,4,6-Tribromophenol	10.60	330	398733	127.85	ng		-0.03
44) 2-Fluorobiphenyl	9.14	172	1469723	87.54	ng		-0.03
78) Terphenyl-d14	12.87	244	1370958	77.67	ng		-0.05
Target Compounds							Qvalue
2) 1,4-Dioxane	2.36	88	159879	37.26	ng	#	81
3) Pyridine	3.05	79	377572	37.18	ng	#	75
4) n-Nitrosodimethylamine	2.99	42	287750	49.72	ng	#	57
6) Aniline	6.43	93	304725	22.09	ng	#	38
8) 2-Chlorophenol	6.56	128	443712	43.62	ng		98
9) Benzaldehyde	6.30	77	58719	8.85	ng		94
10) Phenol	6.43	94	506350	39.81	ng	#	69
11) bis(2-Chloroethyl)ether	6.51	93	483232	43.95	ng		92
12) 1,3-Dichlorobenzene	6.70	146	439250m	40.14	ng		
13) 1,4-Dichlorobenzene	6.78	146	459301	40.68	ng		96
14) 1,2-Dichlorobenzene	6.93	146	411352	39.73	ng		95
15) Benzyl Alcohol	6.92	79	372506	51.65	ng		94
16) 2,2'-oxybis(1-Chloropropan	7.06	45	924846	42.02	ng		90
17) 2-Methylphenol	7.04	107	388116	47.20	ng	#	93
18) Hexachloroethane	7.28	117	162577	38.54	ng		96
19) n-Nitroso-di-n-propylamine	7.20	70	358039	47.52	ng	#	83
20) 3+4-Methylphenols	7.18	107	432923	46.11	ng	#	87
22) Acetophenone	7.18	105	614434	45.90	ng	#	89
24) Nitrobenzene	7.36	77	522664	44.86	ng		96
25) Isophorone	7.60	82	943155	43.27	ng		98
26) 2-Nitrophenol	7.68	139	249106	46.44	ng		96
27) 2,4-Dimethylphenol	7.72	122	424976	45.15	ng		96
28) bis(2-Chloroethoxy)methane	7.81	93	584874	49.25	ng		99
29) 2,4-Dichlorophenol	7.92	162	384999	48.48	ng		98
30) 1,2,4-Trichlorobenzene	8.00	180	369913	40.15	ng		97
31) Naphthalene	8.08	128	1291674	41.58	ng		99
32) Benzoic acid	7.81	122	52802	16.35	ng		92
33) 4-Chloroaniline	8.13	127	137200	11.79	ng		99
34) Hexachlorobutadiene	8.19	225	195414	37.84	ng		98
35) Caprolactam	8.50	113	126354m	47.70	ng		
36) 4-Chloro-3-methylphenol	8.62	107	451613	49.67	ng		100
37) 2-Methylnaphthalene	8.76	142	793501	43.29	ng		97
39) 1,2,4,5-Tetrachlorobenzene	8.93	216	319986	37.80	ng	#	96
40) Hexachlorocyclopentadiene	8.92	237	307299	73.05	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.05	196	241950	45.22	ng		93
43) 2,4,5-Trichlorophenol	9.09	196	257002	44.07	ng	#	90
45) 1,1'-Biphenyl	9.23	154	955445	38.65	ng		97
46) 2-Chloronaphthalene	9.25	162	734906	39.10	ng		94
47) 2-Nitroaniline	9.36	65	327835	54.39	ng		89
48) Acenaphthylene	9.66	152	1159900	39.48	ng		98
49) Dimethylphthalate	9.54	163	1063974	47.79	ng		100
50) 2,6-Dinitrotoluene	9.60	165	199771	43.43	ng	#	82
51) Acenaphthene	9.84	154	762379	40.40	ng		99
52) 3-Nitroaniline	9.77	138	127071	24.29	ng		95
53) 2,4-Dinitrophenol	9.87	184	109303	47.04	ng	#	85
54) Dibenzofuran	10.01	168	1014959	43.04	ng		94
55) 4-Nitrophenol	9.94	139	327666	95.67	ng	#	70
56) 2,4-Dinitrotoluene	10.00	165	270801	46.19	ng	#	83
57) Fluorene	10.35	166	740880	36.18	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.13	232	232091	50.90	ng		97
59) Diethylphthalate	10.24	149	878706	41.69	ng		98
60) 4-Chlorophenyl-phenylether	10.35	204	384476	41.36	ng	#	85
61) 4-Nitroaniline	10.38	138	241080	47.15	ng		86
62) Azobenzene	10.51	77	1084800	46.99	ng		90
64) 4,6-Dinitro-2-methylphenol	10.41	198	143026	42.94	ng	#	71
65) n-Nitrosodiphenylamine	10.46	169	720069	40.61	ng		100
66) 4-Bromophenyl-phenylether	10.83	248	234831	40.16	ng	#	87
67) Hexachlorobenzene	10.90	284	262905	38.85	ng	#	82
68) Atrazine	11.00	200	267590	50.25	ng		96
69) Pentachlorophenol	11.09	266	269392	75.50	ng		98
70) Phenanthrene	11.31	178	1184722	39.79	ng		99
71) Anthracene	11.37	178	1312669	41.31	ng		99
72) Carbazole	11.52	167	1182034	41.97	ng		99
73) Di-n-butylphthalate	11.86	149	1372413	43.01	ng		99
74) Fluoranthene	12.49	202	1228665	40.88	ng		99
76) Benzidine	12.61	184	260823	19.52	ng		97
77) Pyrene	12.72	202	1155561	41.24	ng		99
79) Butylbenzylphthalate	13.35	149	539084	44.42	ng	#	81
80) Benzo(a)anthracene	13.91	228	905971	43.70	ng		99
81) 3,3'-Dichlorobenzidine	13.87	252	155480	11.22	ng	#	97
82) Chrysene	13.94	228	834929	37.05	ng		98
83) Bis(2-ethylhexyl)phthalate	13.91	149	581473	38.60	ng		97
84) Di-n-octyl phthalate	14.51	149	970897	41.16	ng	#	89
85) Indeno(1,2,3-cd)pyrene	16.65	276	874558	52.38	ng		97
87) Benzo(b)fluoranthene	14.92	252	922674m	46.52	ng		
88) Benzo(k)fluoranthene	14.95	252	675345m	32.65	ng		
89) Benzo(a)pyrene	15.25	252	776998	41.50	ng		99
90) Dibenzo(a,h)anthracene	16.66	278	737433	48.13	ng		98
91) Benzo(g,h,i)perylene	17.05	276	735062	47.87	ng		95

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

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