Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF081217\
Data File : BF097649.D
Acq On : 12 Aug 2017 23:07
Operator : SJ/JU
Sample : I4631-03MSD
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
VE-4-11MSD

Manual Integrations APPROVED
sohil
8/14/2017 7:06:38 PM

Quant Time: Aug 14 12:07:42 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Aug 11 15:55:57 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.50	152	117662	20.00	ng		0.00
21) Naphthalene-d8	9.53	136	451928	20.00	ng		0.00
38) Acenaphthene-d10	12.36	164	176106	20.00	ng		0.00
63) Phenanthrene-d10	14.76	188	246338	20.00	ng		0.00
75) Chrysene-d12	18.47	240	168860	20.00	ng		0.00
86) Perylene-d12	20.14	264	170763	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.45	112	529786	71.57	ng		0.05
7) Phenol-d6	7.12	99	348706	37.97	ng		0.06
23) Nitrobenzene-d5	8.43	82	635060	88.11	ng		0.00
41) 2,4,6-Tribromophenol	13.67	330	151401	113.09	ng		0.00
44) 2-Fluorobiphenyl	11.32	172	988123	84.68	ng		0.00
78) Terphenyl-d14	17.12	244	512825	62.86	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	1.86	88	38847	12.093	ng	#	78
3) Pyridine	2.54	79	57002	6.084	ng	#	70
4) n-Nitrosodimethylamine	2.42	42	80903	14.882	ng	#	77
6) Aniline	7.02	93	75726	5.738	ng		99
8) 2-Chlorophenol	7.21	128	299439	35.287	ng		89
9) Benzaldehyde	6.82	77	171097	28.256	ng		98
10) Phenol	7.15	94	156990m	15.614	ng		
11) bis(2-Chloroethyl)ether	7.15	93	329471	40.855	ng		90
12) 1,3-Dichlorobenzene	7.40	146	317399	33.399	ng		98
13) 1,4-Dichlorobenzene	7.53	146	353748	36.570	ng		95
14) 1,2-Dichlorobenzene	7.76	146	333518	37.781	ng		99
15) Benzyl Alcohol	7.82	79	176986	27.892	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.00	45	876019	48.383	ng		90
17) 2-Methylphenol	8.06	107	227741	34.628	ng		98
18) Hexachloroethane	8.28	117	115198	34.809	ng	#	81
19) n-Nitroso-di-n-propylamine	8.24	70	282500	44.229	ng	#	80
20) 3+4-Methylphenols	8.33	107	238507	29.612	ng	#	60
22) Acetophenone	8.19	105	508053	47.586	ng	#	99
24) Nitrobenzene	8.46	77	329610	41.966	ng		93
25) Isophorone	8.86	82	571782	43.067	ng		96
26) 2-Nitrophenol	8.96	139	170527	42.925	ng	#	89
27) 2,4-Dimethylphenol	9.12	122	261531	39.477	ng		98
28) bis(2-Chloroethoxy)methane	9.23	93	390987	40.758	ng		99
29) 2,4-Dichlorophenol	9.40	162	246866	42.261	ng		95
30) 1,2,4-Trichlorobenzene	9.46	180	226278	39.070	ng		98
31) Naphthalene	9.57	128	874016	38.611	ng		99
32) Benzoic acid	9.42	122	26296	7.366	ng		96
33) 4-Chloroaniline	9.73	127	141928	15.135	ng		98
34) Hexachlorobutadiene	9.79	225	114909	36.321	ng		99
35) Caprolactam	10.42	113	9677	5.141	ng	#	29
36) 4-Chloro-3-methylphenol	10.60	107	231112	35.213	ng		85
37) 2-Methylnaphthalene	10.70	142	575757	40.424	ng		98
39) 1,2,4,5-Tetrachlorobenzene	10.97	216	209139	41.939	ng		99
40) Hexachlorocyclopentadiene	10.95	237	33256	45.383	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	11.21	196	129543	39.429	ng		97
43) 2,4,5-Trichlorophenol	11.30	196	111393	35.897	ng		96
45) 1,1'-Biphenyl	11.46	154	611457	40.470	ng		98
46) 2-Chloronaphthalene	11.48	162	459147	39.579	ng	#	93
47) 2-Nitroaniline	11.70	65	177040	38.958	ng		97
48) Acenaphthylene	12.13	152	715478	38.796	ng		99
49) Dimethylphthalate	12.02	163	610304	44.968	ng		98
50) 2,6-Dinitrotoluene	12.12	165	115314	41.144	ng	#	65
51) Acenaphthene	12.42	154	428500	38.770	ng		98
52) 3-Nitroaniline	12.39	138	68104	18.559	ng		94
53) 2,4-Dinitrophenol	12.62	184	46562	40.300	ng	#	71
54) Dibenzofuran	12.70	168	638044	41.237	ng		97
55) 4-Nitrophenol	12.91	139	12706m	9.092	ng		
56) 2,4-Dinitrotoluene	12.78	165	152940	40.884	ng	#	77
57) Fluorene	13.26	166	491133	38.598	ng		98
58) 2,3,4,6-Tetrachlorophenol	12.96	232	73971	34.709	ng	#	78
59) Diethylphthalate	13.16	149	535522	41.776	ng		98
60) 4-Chlorophenyl-phenylether	13.29	204	217576	40.052	ng		95
61) 4-Nitroaniline	13.39	138	59498	16.997	ng		95
62) Azobenzene	13.54	77	513299	40.249	ng		92
64) 4,6-Dinitro-2-methylphenol	13.46	198	41956	27.921	ng		91
65) n-Nitrosodiphenylamine	13.50	169	424575	46.640	ng		98
66) 4-Bromophenyl-phenylether	14.07	248	118993	46.560	ng		95
67) Hexachlorobenzene	14.15	284	122088	43.855	ng	#	87
68) Atrazine	14.48	200	70198	30.734	ng		91
69) Pentachlorophenol	14.53	266	14310	29.115	ng		92
70) Phenanthrene	14.80	178	591010	41.655	ng		99
71) Anthracene	14.89	178	592407	40.809	ng		99
72) Carbazole	15.19	167	522470	37.807	ng		100
73) Di-n-butylphthalate	15.76	149	714795	44.190	ng		99
74) Fluoranthene	16.57	202	482567	37.640	ng		98
77) Pyrene	16.87	202	522524	37.420	ng		99
79) Butylbenzylphthalate	17.79	149	265652	45.506	ng	#	72
80) Benzo(a)anthracene	18.46	228	425813	43.176	ng		98
82) Chrysene	18.50	228	402310	41.013	ng		100
83) Bis(2-ethylhexyl)phthalate	18.54	149	379381	45.692	ng		98
84) Di-n-octyl phthalate	19.30	149	600247	41.396	ng	#	94
85) Indeno(1,2,3-cd)pyrene	21.36	276	397204	52.062	ng		96
87) Benzo(b)fluoranthene	19.73	252	467615m	45.603	ng		
88) Benzo(k)fluoranthene	19.76	252	372491	36.069	ng		97
89) Benzo(a)pyrene	20.09	252	402858	42.804	ng		99
90) Dibenzo(a,h)anthracene	21.36	278	331249	49.156	ng	#	93
91) Benzo(g,h,i)perylene	21.71	276	342626	46.348	ng		97

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

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