Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF122217\
Data File : BF101687.D
Acq On : 23 Dec 2017 7:41
Operator : SJ/JU
Sample : I6827-18MSD
Misc :
ALS Vial : 37 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-4539-01MSD

Manual Integrations APPROVED
Sohil
12/26/2017 1:37:46 PM

Quant Time: Dec 26 10:45:41 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF121417.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 22 16:07:58 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.79	152	160495	20.00	ng		0.00
21) Naphthalene-d8	8.07	136	502539	20.00	ng		0.00
38) Acenaphthene-d10	9.83	164	277110	20.00	ng		0.00
63) Phenanthrene-d10	11.32	188	484939	20.00	ng		0.00
75) Chrysene-d12	13.97	240	306250	20.00	ng		0.00
86) Perylene-d12	15.43	264	297766	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.43	112	1363782m	126.57	ng		0.03
7) Phenol-d6	6.47	99	1399788	104.39	ng		0.04
23) Nitrobenzene-d5	7.37	82	996587	110.39	ng		0.00
41) 2,4,6-Tribromophenol	10.63	330	349197	130.78	ng		0.00
44) 2-Fluorobiphenyl	9.15	172	1548288	86.67	ng		0.00
78) Terphenyl-d14	12.90	244	1375903	108.31	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.75	88	166842	30.136	ng	#	80
3) Pyridine	3.45	79	363491	23.631	ng		97
4) n-Nitrosodimethylamine	3.39	42	240884	34.012	ng		97
6) Aniline	6.47	93	115082	6.176	ng	#	1
8) 2-Chlorophenol	6.59	128	420177	37.072	ng		94
9) Benzaldehyde	6.35	77	227875	23.011	ng		98
10) Phenol	6.49	94	1733555	113.427	ng		99
11) bis(2-Chloroethyl)ether	6.53	93	464009	38.705	ng		93
12) 1,3-Dichlorobenzene	6.73	146	463167	36.208	ng		99
13) 1,4-Dichlorobenzene	6.80	146	473352	36.236	ng		99
14) 1,2-Dichlorobenzene	6.96	146	396078	33.685	ng		99
15) Benzyl Alcohol	6.96	79	358119	38.801	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.06	45	573839	31.276	ng	#	34
17) 2-Methylphenol	7.07	107	833328	79.930	ng		95
18) Hexachloroethane	7.29	117	166330	36.623	ng		96
19) n-Nitroso-di-n-propylamine	7.22	70	281777	31.998	ng		92
20) 3+4-Methylphenols	7.23	107	1686622	152.664	ng		87
22) Acetophenone	7.21	105	596841	52.050	ng	#	90
24) Nitrobenzene	7.39	77	498975	49.940	ng		98
25) Isophorone	7.63	82	941619	51.993	ng		98
26) 2-Nitrophenol	7.70	139	239531	55.802	ng		98
27) 2,4-Dimethylphenol	7.75	122	976573	133.916	ng		97
28) bis(2-Chloroethoxy)methane	7.83	93	600585	52.206	ng		98
29) 2,4-Dichlorophenol	7.96	162	379723	52.706	ng		97
30) 1,2,4-Trichlorobenzene	8.02	180	401574	52.818	ng		96
31) Naphthalene	8.11	128	6797869	268.694	ng		98
32) Benzoic acid	7.88	122	964087m	171.626	ng		
33) 4-Chloroaniline	8.16	127	44244	4.024	ng	#	76
34) Hexachlorobutadiene	8.20	225	220255	50.088	ng		98
35) Caprolactam	8.56	113	118565	47.395	ng		94
36) 4-Chloro-3-methylphenol	8.66	107	412030	52.033	ng		99
37) 2-Methylnaphthalene	8.79	142	1158124	70.261	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.95	216	398882	42.634	ng		98
40) Hexachlorocyclopentadiene	8.93	237	22990	26.135	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.08	196	249017	44.210	ng		97
43) 2,4,5-Trichlorophenol	9.13	196	224940	36.473	ng		94
45) 1,1'-Biphenyl	9.25	154	1080178	43.953	ng		99
46) 2-Chloronaphthalene	9.27	162	755905	40.199	ng		98
47) 2-Nitroaniline	9.39	65	279657	43.051	ng		89
48) Acenaphthylene	9.69	152	1495222	50.343	ng		99
49) Dimethylphthalate	9.55	163	862817	38.709	ng		99
50) 2,6-Dinitrotoluene	9.63	165	193223	42.652	ng	#	81
51) Acenaphthene	9.86	154	769271	43.111	ng		100
52) 3-Nitroaniline	9.80	138	43531	7.707	ng		96
53) 2,4-Dinitrophenol	9.93	184	105150	68.365	ng	#	20
54) Dibenzofuran	10.03	168	1123955	49.564	ng		94
55) 4-Nitrophenol	10.00	139	144451m	58.653	ng		
56) 2,4-Dinitrotoluene	10.05	165	237930	46.616	ng	#	96
57) Fluorene	10.38	166	955056	49.786	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.16	232	217557	49.100	ng	#	85
59) Diethylphthalate	10.25	149	866951	39.276	ng		97
60) 4-Chlorophenyl-phenylether	10.36	204	380879	41.428	ng		94
61) 4-Nitroaniline	10.42	138	197880	34.855	ng		95
62) Azobenzene	10.53	77	878968	38.440	ng		95
64) 4,6-Dinitro-2-methylphenol	10.46	198	76374	30.862	ng		89
65) n-Nitrosodiphenylamine	10.49	169	733390	40.958	ng		98
66) 4-Bromophenyl-phenylether	10.86	248	244166	44.810	ng	#	85
67) Hexachlorobenzene	10.93	284	236922	41.083	ng		94
68) Atrazine	11.02	200	222991	41.765	ng		99
69) Pentachlorophenol	11.14	266	198523	87.824	ng		98
70) Phenanthrene	11.34	178	1241438	46.033	ng		99
71) Anthracene	11.40	178	1142610	41.478	ng		99
72) Carbazole	11.56	167	1522332	59.025	ng		98
73) Di-n-butylphthalate	11.87	149	1315469	42.023	ng		99
74) Fluoranthene	12.53	202	1053620	37.221	ng		99
76) Benzidine	12.66	184	152066	11.757	ng		96
77) Pyrene	12.76	202	1039361	45.221	ng		100
79) Butylbenzylphthalate	13.37	149	499814	48.060	ng	#	95
80) Benzo(a)anthracene	13.96	228	850164	42.041	ng		100
81) 3,3'-Dichlorobenzidine	13.91	252	247970	37.607	ng		97
82) Chrysene	13.99	228	812171	42.537	ng		99
83) Bis(2-ethylhexyl)phthalate	13.92	149	629097	47.759	ng		99
84) Di-n-octyl phthalate	14.53	149	1084078	46.147	ng		98
85) Indeno(1,2,3-cd)pyrene	16.90	276	695572	40.910	ng		96
87) Benzo(b)fluoranthene	15.00	252	732142	40.339	ng		99
88) Benzo(k)fluoranthene	15.03	252	756657	42.879	ng		98
89) Benzo(a)pyrene	15.37	252	700808	41.886	ng		97
90) Dibenzo(a,h)anthracene	16.90	278	588157	40.943	ng		97
91) Benzo(g,h,i)perylene	17.34	276	575199	40.437	ng		94

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

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