Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF091917\
Data File : BF098650.D
Acq On : 19 Sep 2017 19:24
Operator : SJ/JU
Sample : I5276-01MSD
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SASP2P-ENV-117-4(0-5)MSD

Quant Time: Sep 20 11:23:04 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF091117.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Sep 18 13:37:24 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.63	152	146813	20.00	ng		0.00
21) Naphthalene-d8	7.92	136	561932	20.00	ng		0.00
38) Acenaphthene-d10	9.67	164	300500	20.00	ng		0.00
63) Phenanthrene-d10	11.15	188	787627	20.00	ng		0.00
75) Chrysene-d12	13.80	240	699127	20.00	ng		0.01
86) Perylene-d12	15.19	264	579480	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.24	112	1037242	104.46	ng		0.00
7) Phenol-d6	6.30	99	1531641	121.49	ng		0.00
23) Nitrobenzene-d5	7.21	82	959406	95.18	ng		0.00
41) 2,4,6-Tribromophenol	10.47	330	343263	171.15	ng		0.00
44) 2-Fluorobiphenyl	8.99	172	1568272	88.46	ng		0.00
78) Terphenyl-d14	12.74	244	2336221	72.13	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.25	88	143154	27.932	ng		90
3) Pyridine	2.92	79	306323	22.506	ng	#	82
4) n-Nitrosodimethylamine	2.90	42	189818	28.447	ng		86
6) Aniline	6.30	93	522375	33.027	ng	#	46
8) 2-Chlorophenol	6.42	128	459248	42.060	ng		98
9) Benzaldehyde	6.18	77	173920	21.103	ng		95
10) Phenol	6.31	94	614939	41.993	ng		94
11) bis(2-Chloroethyl)ether	6.37	93	427813	38.748	ng		94
12) 1,3-Dichlorobenzene	6.57	146	416551	37.902	ng		98
13) 1,4-Dichlorobenzene	6.65	146	429149	38.122	ng		95
14) 1,2-Dichlorobenzene	6.80	146	351002	34.224	ng		99
15) Benzyl Alcohol	6.79	79	376170	44.833	ng		97
16) 2,2'-oxybis(1-Chloropropan	6.92	45	564126	31.054	ng	#	38
17) 2-Methylphenol	6.91	107	344748	38.720	ng	#	84
18) Hexachloroethane	7.13	117	145958	33.856	ng	#	87
19) n-Nitroso-di-n-propylamine	7.06	70	317670	40.058	ng		99
20) 3+4-Methylphenols	7.07	107	473145	42.110	ng	#	67
22) Acetophenone	7.05	105	636163	43.802	ng	#	91
24) Nitrobenzene	7.23	77	516104	44.952	ng		96
25) Isophorone	7.47	82	980254	48.067	ng		98
26) 2-Nitrophenol	7.54	139	226479	48.856	ng	#	81
27) 2,4-Dimethylphenol	7.59	122	339069	38.370	ng		94
28) bis(2-Chloroethoxy)methane	7.67	93	511627	41.115	ng		98
29) 2,4-Dichlorophenol	7.79	162	361651	49.207	ng		95
30) 1,2,4-Trichlorobenzene	7.86	180	356049	44.535	ng		98
31) Naphthalene	7.94	128	1181340	42.526	ng		99
32) Benzoic acid	7.70	122	13268	9.836	ng		94
33) 4-Chloroaniline	8.00	127	473529	41.943	ng		98
34) Hexachlorobutadiene	8.05	225	180809	44.054	ng		100
35) Caprolactam	8.40	113	94666m	37.353	ng		
36) 4-Chloro-3-methylphenol	8.50	107	443725	48.682	ng	#	82
37) 2-Methylnaphthalene	8.63	142	821733	48.834	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.80	216	360276	38.489	ng		99
40) Hexachlorocyclopentadiene	8.77	237	214828	78.571	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.92	196	243888	44.359	ng		93
43) 2,4,5-Trichlorophenol	8.97	196	267192	46.495	ng		93
45) 1,1'-Biphenyl	9.09	154	1049139	39.006	ng		98
46) 2-Chloronaphthalene	9.12	162	807691	42.048	ng		95
47) 2-Nitroaniline	9.23	65	323641	43.897	ng		95
48) Acenaphthylene	9.53	152	1230188	43.073	ng		99
49) Dimethylphthalate	9.41	163	1260468	54.188	ng		99
50) 2,6-Dinitrotoluene	9.47	165	237711	49.750	ng	#	67
51) Acenaphthene	9.70	154	782766	43.116	ng		98
52) 3-Nitroaniline	9.65	138	247834	42.969	ng		99
53) 2,4-Dinitrophenol	9.76	184	180638	79.980	ng	#	83
54) Dibenzofuran	9.87	168	1157130	48.380	ng		95
55) 4-Nitrophenol	9.84	139	296873	89.588	ng	#	40
56) 2,4-Dinitrotoluene	9.89	165	324659	55.889	ng	#	76
57) Fluorene	10.22	166	938855	47.425	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.00	232	227584	58.928	ng		92
59) Diethylphthalate	10.10	149	1090575	49.298	ng		99
60) 4-Chlorophenyl-phenylether	10.21	204	448967	49.101	ng		91
61) 4-Nitroaniline	10.27	138	278280	47.774	ng		81
62) Azobenzene	10.37	77	1032302	43.296	ng		95
64) 4,6-Dinitro-2-methylphenol	10.30	198	193622	40.899	ng	#	70
65) n-Nitrosodiphenylamine	10.34	169	862024	33.706	ng		99
66) 4-Bromophenyl-phenylether	10.70	248	281236	37.622	ng		95
67) Hexachlorobenzene	10.76	284	287582	37.927	ng	#	82
68) Atrazine	10.87	200	337131	42.819	ng		98
69) Pentachlorophenol	10.97	266	267035	79.597	ng		98
70) Phenanthrene	11.18	178	1775419	42.520	ng		98
71) Anthracene	11.23	178	1834426	42.791	ng		98
72) Carbazole	11.39	167	1755183	43.932	ng		99
73) Di-n-butylphthalate	11.72	149	2230756	46.601	ng		100
74) Fluoranthene	12.36	202	2095511	50.133	ng		99
76) Benzidine	12.49	184	455516m	14.722	ng		
77) Pyrene	12.59	202	2171572	39.375	ng		100
79) Butylbenzylphthalate	13.21	149	1050565	43.909	ng	#	79
80) Benzo(a)anthracene	13.78	228	1761091	42.965	ng		99
81) 3,3'-Dichlorobenzidine	13.75	252	588249	36.929	ng	#	97
82) Chrysene	13.82	228	1768860	42.692	ng		99
83) Bis(2-ethylhexyl)phthalate	13.77	149	1365086	45.460	ng	#	99
84) Di-n-octyl phthalate	14.38	149	2096750	40.698	ng		99
85) Indeno(1,2,3-cd)pyrene	16.55	276	1283659	44.160	ng		93
87) Benzo(b)fluoranthene	14.80	252	1586310	43.537	ng		98
88) Benzo(k)fluoranthene	14.83	252	1177549	34.618	ng	#	96
89) Benzo(a)pyrene	15.14	252	1324440	40.801	ng		99
90) Dibenzo(a,h)anthracene	16.54	278	1060040	44.892	ng		99
91) Benzo(g,h,i)perylene	16.94	276	923449	38.882	ng	#	91

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

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