Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081518\
Data File : BF108164.D
Acq On : 15 Aug 2018 14:40
Operator : JU/SJ
Sample : PB111971BS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB111971BS

Manual Integrations APPROVED
Sohil
8/16/2018 5:26:58 PM

Quant Time: Aug 15 16:13:27 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF080818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 08 12:24:24 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.02	152	193970	20.00	ng		0.00
21) Naphthalene-d8	8.31	136	771314	20.00	ng		0.00
38) Acenaphthene-d10	10.07	164	391278	20.00	ng		0.00
63) Phenanthrene-d10	11.57	188	784030	20.00	ng		0.00
75) Chrysene-d12	14.22	240	604235	20.00	ng		0.00
86) Perylene-d12	15.79	264	453522	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.67	112	1485270	138.63	ng		0.04
7) Phenol-d6	6.65	99	2033503	142.83	ng		0.02
23) Nitrobenzene-d5	7.58	82	1081383	78.23	ng		0.00
41) 2,4,6-Tribromophenol	10.87	330	613726	157.25	ng		0.00
44) 2-Fluorobiphenyl	9.38	172	2066852	84.81	ng		0.00
78) Terphenyl-d14	13.15	244	2120564	89.23	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.05	88	200203	36.366	ng		87
3) Pyridine	3.79	79	560110	39.496	ng		87
4) n-Nitrosodimethylamine	3.75	42	300815	37.697	ng		83
6) Aniline	6.68	93	615189	31.767	ng		98
8) 2-Chlorophenol	6.81	128	507156	42.029	ng		93
9) Benzaldehyde	6.57	77	301778	27.339	ng		93
10) Phenol	6.66	94	609219	41.368	ng		89
11) bis(2-Chloroethyl)ether	6.75	93	494909	41.568	ng		93
12) 1,3-Dichlorobenzene	6.96	146	581211	41.657	ng		98
13) 1,4-Dichlorobenzene	7.04	146	578484	41.267	ng		98
14) 1,2-Dichlorobenzene	7.19	146	541563	41.533	ng		98
15) Benzyl Alcohol	7.16	79	491740	41.028	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.28	45	972994	39.670	ng		97
17) 2-Methylphenol	7.27	107	436693	42.201	ng		96
18) Hexachloroethane	7.53	117	212646	42.609	ng		95
19) n-Nitroso-di-n-propylamine	7.42	70	388604	40.363	ng	#	88
20) 3+4-Methylphenols	7.41	107	547686	41.302	ng		91
22) Acetophenone	7.43	105	730465	40.502	ng	#	95
24) Nitrobenzene	7.60	77	577559	41.321	ng		95
25) Isophorone	7.84	82	1063385	40.362	ng		96
26) 2-Nitrophenol	7.92	139	257032	48.694	ng		96
27) 2,4-Dimethylphenol	7.94	122	483356	41.337	ng		96
28) bis(2-Chloroethoxy)methane	8.04	93	639166	41.557	ng		99
29) 2,4-Dichlorophenol	8.15	162	464373	43.154	ng		97
30) 1,2,4-Trichlorobenzene	8.24	180	489367	41.247	ng		98
31) Naphthalene	8.32	128	1476628	42.096	ng		99
32) Benzoic acid	8.07	122	267657	40.510	ng		94
33) 4-Chloroaniline	8.37	127	370910	24.264	ng		100
34) Hexachlorobutadiene	8.44	225	313673	41.764	ng		99
35) Caprolactam	8.75	113	159990m	47.444	ng		
36) 4-Chloro-3-methylphenol	8.85	107	482671	41.579	ng		98
37) 2-Methylnaphthalene	9.02	142	1027333	41.395	ng		98
39) 1,2,4,5-Tetrachlorobenzene	9.18	216	509161	42.374	ng		98
40) Hexachlorocyclopentadiene	9.17	237	632855	81.542	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.30	196	350371	46.989	ng		99
43) 2,4,5-Trichlorophenol	9.34	196	366967	44.708	ng	#	95
45) 1,1'-Biphenyl	9.48	154	1241866	43.047	ng		99
46) 2-Chloronaphthalene	9.51	162	968224	42.464	ng		97
47) 2-Nitroaniline	9.61	65	330405	44.785	ng		88
48) Acenaphthylene	9.93	152	1543732	42.826	ng		98
49) Dimethylphthalate	9.78	163	1133859	41.601	ng	#	98
50) 2,6-Dinitrotoluene	9.85	165	251034	44.022	ng		96
51) Acenaphthene	10.10	154	1001228	45.348	ng		99
52) 3-Nitroaniline	10.02	138	183021	29.334	ng		98
53) 2,4-Dinitrophenol	10.13	184	187382	87.119	ng	#	20
54) Dibenzofuran	10.28	168	1334010	41.705	ng		96
55) 4-Nitrophenol	10.18	139	398441	84.333	ng		84
56) 2,4-Dinitrotoluene	10.25	165	337606	45.995	ng	#	93
57) Fluorene	10.62	166	1062634	41.966	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.39	232	300332	43.777	ng	#	87
59) Diethylphthalate	10.48	149	1094918	41.486	ng		95
60) 4-Chlorophenyl-phenylether	10.61	204	549277	41.630	ng		92
61) 4-Nitroaniline	10.64	138	265713	43.076	ng		94
62) Azobenzene	10.77	77	1128179	41.391	ng		92
64) 4,6-Dinitro-2-methylphenol	10.67	198	124676	42.986	ng		93
65) n-Nitrosodiphenylamine	10.73	169	968478	41.801	ng		97
66) 4-Bromophenyl-phenylether	11.10	248	356594	41.852	ng	#	85
67) Hexachlorobenzene	11.17	284	369157	41.179	ng	#	88
68) Atrazine	11.25	200	334771	43.080	ng		96
69) Pentachlorophenol	11.37	266	372205	86.743	ng		97
70) Phenanthrene	11.59	178	1529068	41.349	ng		98
71) Anthracene	11.64	178	1584300	41.800	ng		98
72) Carbazole	11.79	167	1390669	41.297	ng		99
73) Di-n-butylphthalate	12.11	149	1657279	43.449	ng		99
74) Fluoranthene	12.79	202	1661920	41.178	ng		95
76) Benzidine	12.90	184	869803	38.528	ng		99
77) Pyrene	13.02	202	1659823	43.389	ng		97
79) Butylbenzylphthalate	13.62	149	710299	46.760	ng		94
80) Benzo(a)anthracene	14.21	228	1460760	42.125	ng		98
81) 3,3'-Dichlorobenzidine	14.17	252	324808	26.137	ng	#	97
82) Chrysene	14.25	228	1333580	41.948	ng		99
83) Bis(2-ethylhexyl)phthalate	14.17	149	916213	44.540	ng		99
84) Di-n-octyl phthalate	14.80	149	1460439	46.553	ng		95
85) Indeno(1,2,3-cd)pyrene	17.42	276	970687	35.239	ng	#	91
87) Benzo(b)fluoranthene	15.32	252	1155491m	42.638	ng		
88) Benzo(k)fluoranthene	15.35	252	1130938	45.399	ng	#	97
89) Benzo(a)pyrene	15.72	252	1047047	43.147	ng		97
90) Dibenzo(a,h)anthracene	17.44	278	799645	39.826	ng	#	93
91) Benzo(g,h,i)perylene	17.92	276	800042	40.465	ng	#	90

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

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