Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082218\
Data File : BF108380.D
Acq On : 22 Aug 2018 13:56
Operator : JU/SJ
Sample : PB112282BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB112282BS

Manual Integrations APPROVED
Sohil
8/23/2018 3:43:04 PM

Quant Time: Aug 22 16:28:31 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 22 11:01:45 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.00	152	148436	20.00	ng		0.00
21) Naphthalene-d8	8.29	136	611992	20.00	ng		0.00
38) Acenaphthene-d10	10.05	164	318332	20.00	ng		0.00
63) Phenanthrene-d10	11.55	188	620339	20.00	ng		0.00
75) Chrysene-d12	14.20	240	356645	20.00	ng		0.00
86) Perylene-d12	15.75	264	286352	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.65	112	1219458	148.74	ng		0.02
7) Phenol-d6	6.64	99	1656411	152.03	ng		0.00
23) Nitrobenzene-d5	7.57	82	883444	80.55	ng		0.00
41) 2,4,6-Tribromophenol	10.85	330	539677	169.96	ng		0.00
44) 2-Fluorobiphenyl	9.36	172	1782881	89.92	ng		0.00
78) Terphenyl-d14	13.13	244	1712933	122.12	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.03	88	157355	37.351	ng		90
3) Pyridine	3.77	79	426293	39.281	ng		87
4) n-Nitrosodimethylamine	3.74	42	234646	38.426	ng	#	84
6) Aniline	6.67	93	434587	29.325	ng		97
8) 2-Chlorophenol	6.80	128	413773	44.809	ng		99
9) Benzaldehyde	6.55	77	183871	21.767	ng		95
10) Phenol	6.64	94	516823	45.859	ng		83
11) bis(2-Chloroethyl)ether	6.74	93	399521	43.850	ng		92
12) 1,3-Dichlorobenzene	6.94	146	464041	43.462	ng		98
13) 1,4-Dichlorobenzene	7.02	146	468090	43.635	ng		97
14) 1,2-Dichlorobenzene	7.17	146	435678	43.663	ng		99
15) Benzyl Alcohol	7.14	79	369179	40.251	ng		95
16) 2,2'-oxybis(1-Chloropropan	7.27	45	760004	40.491	ng		100
17) 2-Methylphenol	7.25	107	372217	47.004	ng	#	94
18) Hexachloroethane	7.51	117	172351	45.128	ng		91
19) n-Nitroso-di-n-propylamine	7.41	70	319624	43.382	ng		93
20) 3+4-Methylphenols	7.40	107	446259	43.976	ng	#	75
22) Acetophenone	7.41	105	605469	42.311	ng	#	95
24) Nitrobenzene	7.58	77	471589	42.523	ng		95
25) Isophorone	7.82	82	885301	42.351	ng		96
26) 2-Nitrophenol	7.90	139	216970	51.805	ng		92
27) 2,4-Dimethylphenol	7.93	122	402079	43.337	ng		97
28) bis(2-Chloroethoxy)methane	8.02	93	531898	43.586	ng		99
29) 2,4-Dichlorophenol	8.14	162	387038	45.331	ng		97
30) 1,2,4-Trichlorobenzene	8.22	180	405240	43.049	ng		96
31) Naphthalene	8.31	128	1230243	44.202	ng		99
32) Benzoic acid	8.05	122	209653	40.068	ng		91
33) 4-Chloroaniline	8.35	127	341238	28.134	ng		99
34) Hexachlorobutadiene	8.42	225	260221	43.667	ng		100
35) Caprolactam	8.73	113	109832m	41.049	ng		
36) 4-Chloro-3-methylphenol	8.84	107	412575	44.793	ng		99
37) 2-Methylnaphthalene	9.00	142	870748	44.219	ng		98
39) 1,2,4,5-Tetrachlorobenzene	9.17	216	437292	44.733	ng		99
40) Hexachlorocyclopentadiene	9.15	237	450018	71.271	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.28	196	296287	48.842	ng		99
43) 2,4,5-Trichlorophenol	9.32	196	313140	46.892	ng	#	92
45) 1,1'-Biphenyl	9.47	154	1064277	45.345	ng		98
46) 2-Chloronaphthalene	9.50	162	826105	44.533	ng		98
47) 2-Nitroaniline	9.59	65	276712	46.102	ng		87
48) Acenaphthylene	9.91	152	1314783	44.832	ng		99
49) Dimethylphthalate	9.77	163	993337	44.797	ng	#	99
50) 2,6-Dinitrotoluene	9.83	165	216128	46.586	ng		94
51) Acenaphthene	10.08	154	770791	42.911	ng		99
52) 3-Nitroaniline	10.00	138	174213	34.321	ng		95
53) 2,4-Dinitrophenol	10.11	184	154224	88.052	ng	#	23
54) Dibenzofuran	10.26	168	1146061	44.039	ng		98
55) 4-Nitrophenol	10.17	139	297979	77.522	ng		86
56) 2,4-Dinitrotoluene	10.24	165	288906	48.379	ng	#	95
57) Fluorene	10.60	166	924971	44.900	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.37	232	261208	46.799	ng	#	86
59) Diethylphthalate	10.47	149	958614	44.644	ng		96
60) 4-Chlorophenyl-phenylether	10.59	204	468577	43.652	ng		92
61) 4-Nitroaniline	10.62	138	218427	43.524	ng		92
62) Azobenzene	10.75	77	963413	43.446	ng		94
64) 4,6-Dinitro-2-methylphenol	10.65	198	110814	47.627	ng		79
65) n-Nitrosodiphenylamine	10.71	169	835955	45.602	ng		96
66) 4-Bromophenyl-phenylether	11.08	248	309931	45.974	ng	#	83
67) Hexachlorobenzene	11.15	284	325010	45.821	ng	#	85
68) Atrazine	11.23	200	277915	45.200	ng		97
69) Pentachlorophenol	11.35	266	304900	89.808	ng		99
70) Phenanthrene	11.57	178	1322526	45.200	ng		99
71) Anthracene	11.62	178	1351203	45.057	ng		99
72) Carbazole	11.78	167	1117493	41.942	ng		99
73) Di-n-butylphthalate	12.09	149	1430160	47.389	ng		99
74) Fluoranthene	12.77	202	1342190	42.032	ng		96
76) Benzidine	12.88	184	433870	32.560	ng		98
77) Pyrene	13.00	202	1295491	57.375	ng		100
79) Butylbenzylphthalate	13.60	149	497882	55.531	ng	#	94
80) Benzo(a)anthracene	14.19	228	935558	45.709	ng		99
81) 3,3'-Dichlorobenzidine	14.14	252	200709	27.363	ng	#	97
82) Chrysene	14.22	228	848031	45.193	ng		99
83) Bis(2-ethylhexyl)phthalate	14.15	149	641765	52.857	ng		100
84) Di-n-octyl phthalate	14.77	149	907813	49.026	ng		97
85) Indeno(1,2,3-cd)pyrene	17.38	276	853639	52.503	ng	#	90
87) Benzo(b)fluoranthene	15.29	252	762219	44.546	ng	#	96
88) Benzo(k)fluoranthene	15.32	252	689353	43.827	ng	#	96
89) Benzo(a)pyrene	15.69	252	713716	46.581	ng	#	96
90) Dibenzo(a,h)anthracene	17.39	278	717444	56.591	ng	#	94
91) Benzo(g,h,i)perylene	17.87	276	728520	58.359	ng	#	88

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

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