Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120522\
Data File : BF131514.D
Acq On : 05 Dec 2022 22:57
Operator : CG\JU
Sample : PB149409BSD
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB149409BSD

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 12/06/2022
Supervised By :Jagrut Upadhyay 12/06/2022

Quant Time: Dec 06 02:15:50 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF120522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 06 01:30:30 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.922	152	111402	20.000	ng		0.00
21) Naphthalene-d8	8.216	136	433111	20.000	ng		0.00
39) Acenaphthene-d10	9.980	164	263220	20.000	ng		0.00
64) Phenanthrene-d10	11.474	188	509054	20.000	ng		0.00
76) Chrysene-d12	14.127	240	347416	20.000	ng	#	0.00
86) Perylene-d12	15.651	264	257018	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.551	112	922383	141.392	ng		0.02
7) Phenol-d6	6.551	99	1155955	141.899	ng		0.00
23) Nitrobenzene-d5	7.498	82	732852	77.659	ng		0.00
42) 2,4,6-Tribromophenol	10.775	330	490327	163.600	ng		0.00
45) 2-Fluorobiphenyl	9.298	172	1665846	83.024	ng		0.00
79) Terphenyl-d14	13.069	244	2241238	97.423	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.822	88	100968	36.156	ng		93
3) Pyridine	3.563	79	260074	33.363	ng		95
4) n-Nitrosodimethylamine	3.540	42	143318	35.876	ng		86
6) Aniline	6.587	93	246404	24.502	ng		94
8) 2-Chlorophenol	6.704	128	348166	49.978	ng		91
9) Benzaldehyde	6.469	77	52191	10.038	ng		88
10) Phenol	6.569	94	415673m	45.107	ng		
11) bis(2-Chloroethyl)ether	6.657	93	319398	46.926	ng		96
12) 1,3-Dichlorobenzene	6.863	146	394512m	48.518	ng		
13) 1,4-Dichlorobenzene	6.939	146	400103	48.146	ng		97
14) 1,2-Dichlorobenzene	7.092	146	378478	48.880	ng		99
15) Benzyl Alcohol	7.069	79	292192	42.883	ng		94
16) 2,2'-oxybis(1-Chloropr...	7.198	45	293462	43.986	ng		99
17) 2-Methylphenol	7.175	107	273642	47.026	ng		95
18) Hexachloroethane	7.439	117	148386	48.061	ng		94
19) n-Nitroso-di-n-propyla...	7.345	70	233581	42.366	ng	#	91
20) 3+4-Methylphenols	7.328	107	363787	46.229	ng		96
22) Acetophenone	7.339	105	515425	43.856	ng		97
24) Nitrobenzene	7.516	77	369420	38.799	ng	#	87
25) Isophorone	7.751	82	652295	44.437	ng	#	93
26) 2-Nitrophenol	7.828	139	183640	52.677	ng		91
27) 2,4-Dimethylphenol	7.863	122	321622	56.190	ng		94
28) bis(2-Chloroethoxy)met...	7.963	93	393369	48.339	ng		99
29) 2,4-Dichlorophenol	8.069	162	315814	47.636	ng		98
30) 1,2,4-Trichlorobenzene	8.151	180	381975	46.110	ng		100
31) Naphthalene	8.239	128	1042356	43.533	ng		99
32) Benzoic acid	7.992	122	190946	55.319	ng	#	87
33) 4-Chloroaniline	8.281	127	67933	7.575	ng		95
34) Hexachlorobutadiene	8.351	225	265371	44.851	ng		99
35) Caprolactam	8.663	113	89675m	48.185	ng		
36) 4-Chloro-3-methylphenol	8.769	107	325300	45.901	ng		96
37) 2-Methylnaphthalene	8.933	142	719954	44.933	ng		99
38) 1-Methylnaphthalene	9.033	142	671983	43.645	ng		97
40) 1,2,4,5-Tetrachloroben...	9.098	216	437044	44.947	ng		99
41) Hexachlorocyclopentadiene	9.081	237	579389	132.277	ng		98
43) 2,4,6-Trichlorophenol	9.210	196	266411	45.316	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.251	196	284733	45.414	ng		97
46) 1,1'-Biphenyl	9.398	154	905552	43.629	ng		99
47) 2-Chloronaphthalene	9.428	162	726923	42.875	ng		96
48) 2-Nitroaniline	9.522	65	178380	36.413	ng		93
49) Acenaphthylene	9.845	152	1086448	42.898	ng		99
50) Dimethylphthalate	9.704	163	817040	42.946	ng		100
51) 2,6-Dinitrotoluene	9.763	165	184547	45.398	ng		92
52) Acenaphthene	10.016	154	802628m	48.848	ng		
53) 3-Nitroaniline	9.933	138	75591	17.765	ng		84
54) 2,4-Dinitrophenol	10.045	184	231763	113.627	ng	#	80
55) Dibenzofuran	10.186	168	975965	40.687	ng		100
56) 4-Nitrophenol	10.098	139	290178	97.727	ng		88
57) 2,4-Dinitrotoluene	10.175	165	245067	45.946	ng	#	73
58) Fluorene	10.533	166	834515	42.159	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.304	232	239919	45.112	ng		96
60) Diethylphthalate	10.404	149	785317	41.866	ng		99
61) 4-Chlorophenyl-phenyle...	10.522	204	456812	44.613	ng		98
62) 4-Nitroaniline	10.563	138	171072	40.324	ng	#	82
63) Azobenzene	10.686	77	680678	36.800	ng		86
65) 4,6-Dinitro-2-methylph...	10.580	198	142241	50.924	ng		89
66) n-Nitrosodiphenylamine	10.645	169	716563	44.851	ng		99
67) 4-Bromophenyl-phenylether	11.016	248	285777	44.870	ng		99
68) Hexachlorobenzene	11.080	284	333191	47.205	ng	#	88
69) Atrazine	11.169	200	179385	37.972	ng		99
70) Pentachlorophenol	11.275	266	390859	103.419	ng		97
71) Phenanthrene	11.504	178	1253013	44.297	ng		99
72) Anthracene	11.557	178	1325476	47.662	ng		100
73) Carbazole	11.710	167	1049240	44.818	ng		98
74) Di-n-butylphthalate	12.033	149	1202602	46.009	ng		99
75) Fluoranthene	12.698	202	1317593	42.324	ng		98
77) Benzidine	12.816	184	114753	20.236	ng		99
78) Pyrene	12.927	202	1338185	43.005	ng		99
80) Butylbenzylphthalate	13.545	149	430286	51.264	ng		84
81) Benzo(a)anthracene	14.121	228	1096117	46.200	ng		99
82) 3,3'-Dichlorobenzidine	14.080	252	229354	35.697	ng		96
83) Chrysene	14.157	228	994007	43.580	ng		100
84) Bis(2-ethylhexyl)phtha...	14.098	149	551407	58.786	ng		99
85) Di-n-octyl phthalate	14.727	149	609476	48.144	ng	#	95
87) Indeno(1,2,3-cd)pyrene	17.209	276	884906	44.452	ng		99
88) Benzo(b)fluoranthene	15.198	252	801646	48.016	ng		98
89) Benzo(k)fluoranthene	15.233	252	813248	44.873	ng		100
90) Benzo(a)pyrene	15.586	252	708140	51.111	ng		99
91) Dibenzo(a,h)anthracene	17.227	278	773433	47.479	ng		99
92) Benzo(g,h,i)perylene	17.680	276	716327	47.727	ng		99

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

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