Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111622\
Data File : BF131256.D
Acq On : 16 Nov 2022 10:19
Operator : CG\JU
Sample : PB148852BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Nov 16 22:10:56 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF111522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 16 06:35:36 2022
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
PB148852BS

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 11/17/2022
Supervised By :mohammad ahmed 11/17/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.975	152	100567	20.000	ng		0.00
21) Naphthalene-d8	8.269	136	364012	20.000	ng		0.00
39) Acenaphthene-d10	10.033	164	209411	20.000	ng		0.00
64) Phenanthrene-d10	11.533	188	380314	20.000	ng		0.00
76) Chrysene-d12	14.192	240	266320	20.000	ng	#	0.00
86) Perylene-d12	15.733	264	208518	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.598	112	759918	133.804	ng		0.02
7) Phenol-d6	6.592	99	952577	132.426	ng		0.00
23) Nitrobenzene-d5	7.545	82	611487	94.290	ng		0.00
42) 2,4,6-Tribromophenol	10.833	330	270900	135.429	ng		0.00
45) 2-Fluorobiphenyl	9.351	172	1140644	79.710	ng		0.00
79) Terphenyl-d14	13.127	244	1419106	91.506	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.893	88	95435	36.678	ng		97
3) Pyridine	3.634	79	258207	35.109	ng		98
4) n-Nitrosodimethylamine	3.610	42	189017	44.094	ng		97
6) Aniline	6.639	93	247514m	27.432	ng		
8) 2-Chlorophenol	6.757	128	281918	44.159	ng		97
9) Benzaldehyde	6.522	77	51486	9.867	ng		97
10) Phenol	6.610	94	340126	42.267	ng		99
11) bis(2-Chloroethyl)ether	6.710	93	266361	42.275	ng		99
12) 1,3-Dichlorobenzene	6.916	146	295196	40.871	ng		99
13) 1,4-Dichlorobenzene	6.992	146	303097	41.495	ng		99
14) 1,2-Dichlorobenzene	7.145	146	289355	42.860	ng		99
15) Benzyl Alcohol	7.116	79	218197m	34.921	ng		
16) 2,2'-oxybis(1-Chloropr...	7.251	45	505971	42.634	ng		100
17) 2-Methylphenol	7.222	107	233035	42.756	ng		98
18) Hexachloroethane	7.492	117	112552	42.385	ng		98
19) n-Nitroso-di-n-propyla...	7.392	70	207342	41.366	ng		99
20) 3+4-Methylphenols	7.375	107	289803	41.107	ng	#	90
22) Acetophenone	7.386	105	405918	42.779	ng		98
24) Nitrobenzene	7.563	77	314595	44.936	ng		97
25) Isophorone	7.804	82	572883	44.218	ng		99
26) 2-Nitrophenol	7.881	139	124081	44.573	ng		99
27) 2,4-Dimethylphenol	7.910	122	267979	50.533	ng		99
28) bis(2-Chloroethoxy)met...	8.010	93	327664	44.857	ng		100
29) 2,4-Dichlorophenol	8.116	162	240116	41.869	ng		99
30) 1,2,4-Trichlorobenzene	8.204	180	272753	40.565	ng		99
31) Naphthalene	8.292	128	784718	39.790	ng		99
32) Benzoic acid	8.028	122	160149m	42.602	ng		
33) 4-Chloroaniline	8.333	127	103544	13.337	ng		95
34) Hexachlorobutadiene	8.404	225	175478	41.234	ng		97
35) Caprolactam	8.710	113	75809m	44.731	ng		
36) 4-Chloro-3-methylphenol	8.816	107	266039	44.071	ng		95
37) 2-Methylnaphthalene	8.986	142	529596	40.321	ng		99
38) 1-Methylnaphthalene	9.086	142	498265	39.122	ng		100
40) 1,2,4,5-Tetrachloroben...	9.151	216	273331	40.538	ng		99
41) Hexachlorocyclopentadiene	9.133	237	345650	100.020	ng		97
43) 2,4,6-Trichlorophenol	9.263	196	163608	37.115	ng		100

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.298	196	202226	42.750	ng		98
46) 1,1'-Biphenyl	9.451	154	661065	41.064	ng		100
47) 2-Chloronaphthalene	9.480	162	518486	39.758	ng		96
48) 2-Nitroaniline	9.575	65	183942	44.297	ng		95
49) Acenaphthylene	9.898	152	802484	40.297	ng		99
50) Dimethylphthalate	9.757	163	608059	40.550	ng		100
51) 2,6-Dinitrotoluene	9.816	165	129535	44.283	ng		89
52) Acenaphthene	10.069	154	547860	44.074	ng		99
53) 3-Nitroaniline	9.986	138	75528	25.408	ng		99
54) 2,4-Dinitrophenol	10.092	184	108485	81.027	ng		92
55) Dibenzofuran	10.245	168	712544	40.009	ng		98
56) 4-Nitrophenol	10.139	139	190129	80.584	ng		94
57) 2,4-Dinitrotoluene	10.222	165	164354	45.271	ng		98
58) Fluorene	10.586	166	554047	39.534	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.357	232	167169	41.715	ng		99
60) Diethylphthalate	10.463	149	584044	41.204	ng		98
61) 4-Chlorophenyl-phenyle...	10.580	204	285818	41.246	ng		96
62) 4-Nitroaniline	10.610	138	124386	40.535	ng		95
63) Azobenzene	10.739	77	602532	40.600	ng		98
65) 4,6-Dinitro-2-methylph...	10.627	198	67484	40.873	ng	#	77
66) n-Nitrosodiphenylamine	10.698	169	493459	40.839	ng		99
67) 4-Bromophenyl-phenylether	11.074	248	188210	42.148	ng		93
68) Hexachlorobenzene	11.133	284	202236	41.790	ng		95
69) Atrazine	11.227	200	169966	42.915	ng		98
70) Pentachlorophenol	11.327	266	238910	84.582	ng		98
71) Phenanthrene	11.557	178	845787	40.297	ng		99
72) Anthracene	11.610	178	868346	42.351	ng		99
73) Carbazole	11.763	167	769082	41.905	ng		99
74) Di-n-butylphthalate	12.092	149	882950	41.338	ng		100
75) Fluoranthene	12.757	202	965626	41.715	ng		98
77) Benzidine	12.874	184	180258	31.585	ng		99
78) Pyrene	12.986	202	972039	42.341	ng		99
80) Butylbenzylphthalate	13.604	149	357296	45.923	ng		97
81) Benzo(a)anthracene	14.180	228	751585	40.607	ng		99
82) 3,3'-Dichlorobenzidine	14.139	252	171751	31.713	ng		99
83) Chrysene	14.221	228	728681	40.413	ng		99
84) Bis(2-ethylhexyl)phtha...	14.168	149	457662	46.772	ng		98
85) Di-n-octyl phthalate	14.798	149	664455	48.053	ng		99
87) Indeno(1,2,3-cd)pyrene	17.327	276	593799	43.106	ng		99
88) Benzo(b)fluoranthene	15.274	252	654273	44.941	ng		99
89) Benzo(k)fluoranthene	15.309	252	588490	40.776	ng		98
90) Benzo(a)pyrene	15.668	252	536214	46.076	ng		99
91) Dibenzo(a,h)anthracene	17.351	278	505908	44.763	ng		98
92) Benzo(g,h,i)perylene	17.809	276	483945	38.987	ng		98

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

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