Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF071123\
Data File : BF134208.D
Acq On : 11 Jul 2023 11:48
Operator : CG\JU
Sample : PB154002BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB154002BS

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 07/12/2023
Supervised By :mohammad ahmed 07/12/2023

Quant Time: Jul 12 01:02:13 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 11 13:06:48 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.845	152	121642	20.000	ng	0.00
21) Naphthalene-d8	8.128	136	458628	20.000	ng	0.00
39) Acenaphthene-d10	9.886	164	223269	20.000	ng	0.00
64) Phenanthrene-d10	11.380	188	437755	20.000	ng	0.00
76) Chrysene-d12	14.045	240	230490	20.000	ng	0.00
86) Perylene-d12	15.545	264	240456	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	914213	125.719	ng	0.01
7) Phenol-d6	6.487	99	1056651	118.154	ng	0.00
23) Nitrobenzene-d5	7.410	82	745768	87.655	ng	0.00
42) 2,4,6-Tribromophenol	10.686	330	347985	124.309	ng	0.00
45) 2-Fluorobiphenyl	9.204	172	1261425	82.142	ng	0.00
79) Terphenyl-d14	12.974	244	1436800	100.326	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.699	88	100111	33.388	ng	98
3) Pyridine	3.481	79	262101	33.559	ng	96
4) n-Nitrosodimethylamine	3.434	42	178767	40.076	ng	96
6) Aniline	6.510	93	384704	35.351	ng	92
8) 2-Chlorophenol	6.634	128	323142	43.775	ng	96
9) Benzaldehyde	6.398	77	214049	45.035	ng	95
10) Phenol	6.504	94	385991	41.050	ng	85
11) bis(2-Chloroethyl)ether	6.587	93	290648	41.985	ng	97
12) 1,3-Dichlorobenzene	6.787	146	353423	44.908	ng	97
13) 1,4-Dichlorobenzene	6.863	146	339609	42.724	ng	99
14) 1,2-Dichlorobenzene	7.016	146	343587	46.153	ng	97
15) Benzyl Alcohol	6.992	79	284160	41.217	ng	100
16) 2,2'-oxybis(1-Chloropr...	7.122	45	495827	40.486	ng	97
17) 2-Methylphenol	7.104	107	264457	40.007	ng	99
18) Hexachloroethane	7.351	117	130904	44.413	ng	95
19) n-Nitroso-di-n-propyla...	7.263	70	230489	40.641	ng	97
20) 3+4-Methylphenols	7.257	107	329699	41.113	ng	95
22) Acetophenone	7.257	105	450092	43.152	ng	97
24) Nitrobenzene	7.434	77	368319	42.840	ng	98
25) Isophorone	7.669	82	615561	39.809	ng	100
26) 2-Nitrophenol	7.745	139	176027	42.679	ng	99
27) 2,4-Dimethylphenol	7.781	122	278857	42.713	ng	99
28) bis(2-Chloroethoxy)met...	7.875	93	366412	40.924	ng	98
29) 2,4-Dichlorophenol	7.986	162	276334	42.685	ng	98
30) 1,2,4-Trichlorobenzene	8.069	180	291457	43.631	ng	99
31) Naphthalene	8.151	128	914688	41.289	ng	100
32) Benzoic acid	7.904	122	195191m	39.899	ng	
33) 4-Chloroaniline	8.198	127	178349	18.821	ng	97
34) Hexachlorobutadiene	8.263	225	186364	44.227	ng	98
35) Caprolactam	8.581	113	95513m	44.808	ng	
36) 4-Chloro-3-methylphenol	8.686	107	307163	42.235	ng	99
37) 2-Methylnaphthalene	8.839	142	596920	38.103	ng	99
38) 1-Methylnaphthalene	8.939	142	570031	39.141	ng	100
40) 1,2,4,5-Tetrachloroben...	9.010	216	291076	44.004	ng	99
41) Hexachlorocyclopentadiene	8.992	237	309903	98.754	ng	98
43) 2,4,6-Trichlorophenol	9.122	196	180751	40.141	ng	98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.163	196	204261	38.564	ng		99
46) 1,1'-Biphenyl	9.304	154	747075	41.713	ng		98
47) 2-Chloronaphthalene	9.333	162	574457	43.838	ng		99
48) 2-Nitroaniline	9.433	65	198979	41.665	ng		92
49) Acenaphthylene	9.751	152	929856	41.539	ng		99
50) Dimethylphthalate	9.610	163	687451	42.417	ng		100
51) 2,6-Dinitrotoluene	9.675	165	158008	45.265	ng		94
52) Acenaphthene	9.922	154	537149	41.354	ng		99
53) 3-Nitroaniline	9.845	138	132582	31.659	ng		99
54) 2,4-Dinitrophenol	9.957	184	161310	80.016	ng		93
55) Dibenzofuran	10.092	168	831209	40.947	ng		99
56) 4-Nitrophenol	10.016	139	235082	80.253	ng		99
57) 2,4-Dinitrotoluene	10.086	165	197909	42.930	ng		98
58) Fluorene	10.439	166	650570	41.194	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.216	232	178740	42.781	ng		96
60) Diethylphthalate	10.310	149	670962	39.736	ng		99
61) 4-Chlorophenyl-phenyle...	10.427	204	300624	39.499	ng		98
62) 4-Nitroaniline	10.469	138	173572	41.127	ng		96
63) Azobenzene	10.592	77	657438	41.161	ng		98
65) 4,6-Dinitro-2-methylph...	10.492	198	108368	45.407	ng		84
66) n-Nitrosodiphenylamine	10.551	169	601597	43.013	ng		99
67) 4-Bromophenyl-phenylether	10.922	248	179809	38.645	ng		99
68) Hexachlorobenzene	10.986	284	208502	42.205	ng		98
69) Atrazine	11.080	200	193940	50.130	ng		96
70) Pentachlorophenol	11.186	266	214045	72.464	ng		96
71) Phenanthrene	11.404	178	941176	42.708	ng		99
72) Anthracene	11.457	178	1009704	44.051	ng		99
73) Carbazole	11.616	167	943543	44.973	ng		99
74) Di-n-butylphthalate	11.945	149	1018161	40.809	ng		100
75) Fluoranthene	12.604	202	986548	41.409	ng		98
77) Benzidine	12.727	184	408015	74.396	ng		99
78) Pyrene	12.833	202	985691	45.952	ng		99
80) Butylbenzylphthalate	13.457	149	345725	42.975	ng		96
81) Benzo(a)anthracene	14.033	228	690064	43.170	ng		100
82) 3,3'-Dichlorobenzidine	13.992	252	173509	34.261	ng	#	98
83) Chrysene	14.068	228	655086	42.312	ng		100
84) Bis(2-ethylhexyl)phtha...	14.015	149	393289	42.545	ng		99
85) Di-n-octyl phthalate	14.633	149	596387	43.907	ng		99
87) Indeno(1,2,3-cd)pyrene	17.104	276	696105	41.720	ng		98
88) Benzo(b)fluoranthene	15.104	252	607703	42.981	ng		99
89) Benzo(k)fluoranthene	15.133	252	582161	40.440	ng		99
90) Benzo(a)pyrene	15.480	252	566626	41.443	ng		99
91) Dibenzo(a,h)anthracene	17.115	278	562325	41.261	ng		99
92) Benzo(g,h,i)perylene	17.568	276	628680	44.733	ng		100

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

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