Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF102324\
Data File : BF139954.D
Acq On : 23 Oct 2024 10:17
Operator : RC/JU
Sample : PB164020BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Oct 23 11:04:26 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 18 15:07:50 2024
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
PB164020BS

Manual Integrations APPROVED

Reviewed By :Yogesh Patel

10/24/2024

Supervised By :mohammad ahmed

10/25/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.892	152	145453	20.000	ng	0.00
21) Naphthalene-d8	8.175	136	571435	20.000	ng	0.00
39) Acenaphthene-d10	9.927	164	326976	20.000	ng	0.00
64) Phenanthrene-d10	11.416	188	595466	20.000	ng	0.00
76) Chrysene-d12	14.057	240	306351	20.000	ng	0.00
86) Perylene-d12	15.533	264	324169	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	1206294	129.832	ng	0.02
7) Phenol-d6	6.516	99	1547986	128.638	ng	0.00
23) Nitrobenzene-d5	7.451	82	1000485	97.037	ng	0.00
42) 2,4,6-Tribromophenol	10.722	330	493916	161.493	ng	0.00
45) 2-Fluorobiphenyl	9.251	172	1832596	92.628	ng	0.00
79) Terphenyl-d14	13.004	244	1982414	105.445	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.775	88	173862	40.134	ng	95
3) Pyridine	3.528	79	451318	42.031	ng	96
4) n-Nitrosodimethylamine	3.481	42	252685	43.800	ng	97
6) Aniline	6.551	93	460000	41.016	ng	99
8) 2-Chlorophenol	6.675	128	476299	50.145	ng	98
9) Benzaldehyde	6.439	77	125439	18.530	ng	97
10) Phenol	6.528	94	585145m	47.166	ng	
11) bis(2-Chloroethyl)ether	6.628	93	450141	46.943	ng	98
12) 1,3-Dichlorobenzene	6.834	146	501427	45.988	ng	99
13) 1,4-Dichlorobenzene	6.910	146	509820	46.801	ng	98
14) 1,2-Dichlorobenzene	7.063	146	490668	48.263	ng	98
15) Benzyl Alcohol	7.028	79	438928	49.725	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.163	45	754289	46.132	ng	98
17) 2-Methylphenol	7.139	107	399399	49.313	ng	99
18) Hexachloroethane	7.404	117	181419	46.703	ng	97
19) n-Nitroso-di-n-propyla...	7.304	70	344665	47.225	ng	96
20) 3+4-Methylphenols	7.286	107	493855	47.671	ng	94
22) Acetophenone	7.298	105	642000	45.869	ng	99
24) Nitrobenzene	7.469	77	520530	46.048	ng	100
25) Isophorone	7.710	82	958263	48.968	ng	100
26) 2-Nitrophenol	7.786	139	245782	57.634	ng	97
27) 2,4-Dimethylphenol	7.822	122	406741	57.199	ng	99
28) bis(2-Chloroethoxy)met...	7.922	93	561937	47.396	ng	100
29) 2,4-Dichlorophenol	8.028	162	405983	50.124	ng	98
30) 1,2,4-Trichlorobenzene	8.110	180	412482	46.025	ng	99
31) Naphthalene	8.192	128	1384446	46.976	ng	100
32) Benzoic acid	7.933	122	322797	52.047	ng	97
33) 4-Chloroaniline	8.239	127	232152	23.101	ng	98
34) Hexachlorobutadiene	8.310	225	265894	47.219	ng	99
35) Caprolactam	8.610	113	136072m	52.836	ng	
36) 4-Chloro-3-methylphenol	8.716	107	453174	50.530	ng	98
37) 2-Methylnaphthalene	8.886	142	876755	48.576	ng	99
38) 1-Methylnaphthalene	8.986	142	826629	46.680	ng	100
40) 1,2,4,5-Tetrachloroben...	9.051	216	414030	46.935	ng	99
41) Hexachlorocyclopentadiene	9.039	237	543455	177.056	ng	100
43) 2,4,6-Trichlorophenol	9.163	196	326446	52.270	ng	99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.198	196	323007	50.129	ng		100
46) 1,1'-Biphenyl	9.351	154	1079499	47.425	ng		99
47) 2-Chloronaphthalene	9.375	162	857824	46.791	ng		99
48) 2-Nitroaniline	9.469	65	306241	54.617	ng		94
49) Acenaphthylene	9.792	152	1358548	51.258	ng		99
50) Dimethylphthalate	9.651	163	1027223	50.437	ng		100
51) 2,6-Dinitrotoluene	9.710	165	230175	52.196	ng		98
52) Acenaphthene	9.963	154	945044	55.119	ng		99
53) 3-Nitroaniline	9.875	138	148850	32.732	ng		99
54) 2,4-Dinitrophenol	9.986	184	254590	134.144	ng	#	1
55) Dibenzofuran	10.139	168	1197693	48.687	ng		98
56) 4-Nitrophenol	10.033	139	396563	113.346	ng		99
57) 2,4-Dinitrotoluene	10.116	165	317728	58.590	ng		96
58) Fluorene	10.480	166	908854	48.507	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.251	232	278445	55.124	ng		97
60) Diethylphthalate	10.351	149	1003169	50.166	ng		100
61) 4-Chlorophenyl-phenyle...	10.469	204	467155	49.372	ng		99
62) 4-Nitroaniline	10.498	138	236526	55.070	ng		95
63) Azobenzene	10.633	77	1024029	48.303	ng		97
65) 4,6-Dinitro-2-methylph...	10.522	198	173533	71.446	ng		92
66) n-Nitrosodiphenylamine	10.592	169	864326	48.497	ng		100
67) 4-Bromophenyl-phenylether	10.963	248	305428	49.789	ng		95
68) Hexachlorobenzene	11.027	284	343434	49.779	ng		96
69) Atrazine	11.116	200	289268	59.918	ng		99
70) Pentachlorophenol	11.216	266	432506	103.294	ng		100
71) Phenanthrene	11.445	178	1384572	49.225	ng		100
72) Anthracene	11.492	178	1401170	51.057	ng		100
73) Carbazole	11.645	167	1231822	48.263	ng		99
74) Di-n-butylphthalate	11.974	149	1482080	50.261	ng		100
75) Fluoranthene	12.627	202	1374663	48.345	ng		99
77) Benzidine	12.745	184	288253	57.222	ng		99
78) Pyrene	12.857	202	1401990	52.282	ng		100
80) Butylbenzylphthalate	13.474	149	454322	56.511	ng		99
81) Benzo(a)anthracene	14.045	228	1029234	51.610	ng		100
82) 3,3'-Dichlorobenzidine	14.004	252	206476	35.510	ng		99
83) Chrysene	14.080	228	950325	51.973	ng		100
84) Bis(2-ethylhexyl)phtha...	14.033	149	522257	57.901	ng		100
85) Di-n-octyl phthalate	14.645	149	898357	54.758	ng		97
87) Indeno(1,2,3-cd)pyrene	17.033	276	1174080	56.298	ng		98
88) Benzo(b)fluoranthene	15.098	252	993519	50.312	ng		100
89) Benzo(k)fluoranthene	15.127	252	853023	50.089	ng		100
90) Benzo(a)pyrene	15.474	252	896133	55.152	ng		99
91) Dibenzo(a,h)anthracene	17.056	278	959971	55.179	ng		98
92) Benzo(g,h,i)perylene	17.486	276	902393	51.928	ng		99

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

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