Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121724\
Data File : BF140877.D
Acq On : 17 Dec 2024 11:35
Operator : RC/JU
Sample : PB165623BSD
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Dec 17 12:21:04 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 16 16:59:50 2024
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
PB165623BSD

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 12/18/2024
Supervised By :mohammad ahmed 12/18/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.845	152	54481	20.000	ng	0.00
21) Naphthalene-d8	8.128	136	198425	20.000	ng	0.00
39) Acenaphthene-d10	9.886	164	109384	20.000	ng	0.00
64) Phenanthrene-d10	11.375	188	199182	20.000	ng	0.00
76) Chrysene-d12	14.021	240	129993	20.000	ng	-0.01
86) Perylene-d12	15.510	264	121005	20.000	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	513395	155.126	ng	0.01
7) Phenol-d6	6.498	99	638811	145.731	ng	0.00
23) Nitrobenzene-d5	7.416	82	409532	103.260	ng	0.00
42) 2,4,6-Tribromophenol	10.681	330	191455	147.990	ng	0.00
45) 2-Fluorobiphenyl	9.204	172	824652	103.651	ng	0.00
79) Terphenyl-d14	12.957	244	908361	110.188	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.687	88	60294	42.296	ng	99
3) Pyridine	3.475	79	154539	46.811	ng	98
4) n-Nitrosodimethylamine	3.416	42	89052	53.508	ng	97
6) Aniline	6.516	93	178729	47.687	ng	90
8) 2-Chlorophenol	6.645	128	191822	53.150	ng	99
9) Benzaldehyde	6.410	77	49197	20.255	ng	99
10) Phenol	6.516	94	235623	51.863	ng	97
11) bis(2-Chloroethyl)ether	6.587	93	175492	51.796	ng	99
12) 1,3-Dichlorobenzene	6.787	146	203243	49.421	ng	98
13) 1,4-Dichlorobenzene	6.863	146	205302	49.181	ng	99
14) 1,2-Dichlorobenzene	7.016	146	190480	48.363	ng	96
15) Benzyl Alcohol	6.998	79	169658	54.131	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.116	45	208951	52.352	ng	85
17) 2-Methylphenol	7.116	107	147597	51.224	ng	98
18) Hexachloroethane	7.351	117	76364	49.139	ng	95
19) n-Nitroso-di-n-propyla...	7.263	70	134673	51.217	ng	99
20) 3+4-Methylphenols	7.269	107	196232	51.359	ng	96
22) Acetophenone	7.263	105	264952	53.378	ng	99
24) Nitrobenzene	7.434	77	204296	50.281	ng	99
25) Isophorone	7.675	82	359511	54.100	ng	99
26) 2-Nitrophenol	7.751	139	100033	53.456	ng	100
27) 2,4-Dimethylphenol	7.792	122	138972	63.591	ng	96
28) bis(2-Chloroethoxy)met...	7.875	93	216344	52.125	ng	98
29) 2,4-Dichlorophenol	7.998	162	159967	53.019	ng	100
30) 1,2,4-Trichlorobenzene	8.069	180	168638	48.757	ng	100
31) Naphthalene	8.151	128	550091	50.468	ng	100
32) Benzoic acid	7.939	122	92691	44.721	ng	98
33) 4-Chloroaniline	8.204	127	95690	26.433	ng	99
34) Hexachlorobutadiene	8.263	225	114140	49.049	ng	98
35) Caprolactam	8.581	113	47168m	52.512	ng	
36) 4-Chloro-3-methylphenol	8.698	107	175809	51.771	ng	98
37) 2-Methylnaphthalene	8.839	142	364035	50.489	ng	100
38) 1-Methylnaphthalene	8.939	142	335559	47.058	ng	99
40) 1,2,4,5-Tetrachloroben...	9.010	216	180385	53.653	ng	100
41) Hexachlorocyclopentadiene	8.992	237	96805	80.007	ng	98
43) 2,4,6-Trichlorophenol	9.128	196	106870	51.912	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.181	196	111401	49.233	ng	99
46) 1,1'-Biphenyl	9.304	154	459523	52.831	ng	99
47) 2-Chloronaphthalene	9.334	162	341689	51.350	ng	99
48) 2-Nitroaniline	9.434	65	107544	53.514	ng	98
49) Acenaphthylene	9.745	152	541139	55.339	ng	100
50) Dimethylphthalate	9.604	163	418300	54.241	ng	100
51) 2,6-Dinitrotoluene	9.675	165	89652	50.852	ng	98
52) Acenaphthene	9.916	154	327255	52.391	ng	99
53) 3-Nitroaniline	9.851	138	59883	34.227	ng	97
54) 2,4-Dinitrophenol	9.969	184	75484	87.117	ng	97
55) Dibenzofuran	10.092	168	499515	51.607	ng	100
56) 4-Nitrophenol	10.033	139	86755	91.508	ng	88
57) 2,4-Dinitrotoluene	10.086	165	117235	50.541	ng	95
58) Fluorene	10.433	166	405527	50.784	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.216	232	101397	54.993	ng	97
60) Diethylphthalate	10.304	149	416676	52.105	ng	99
61) 4-Chlorophenyl-phenyle...	10.422	204	205286	51.179	ng	99
62) 4-Nitroaniline	10.469	138	88966	48.661	ng	98
63) Azobenzene	10.581	77	381354	50.725	ng	99
65) 4,6-Dinitro-2-methylph...	10.504	198	59871	53.046	ng	99
66) n-Nitrosodiphenylamine	10.545	169	352140	57.502	ng	99
67) 4-Bromophenyl-phenylether	10.910	248	118840	53.332	ng	98
68) Hexachlorobenzene	10.986	284	133965	53.026	ng	99
69) Atrazine	11.075	200	116225	67.954	ng	99
70) Pentachlorophenol	11.186	266	91604	99.173	ng	98
71) Phenanthrene	11.398	178	559598	54.633	ng	99
72) Anthracene	11.451	178	568637	56.373	ng	99
73) Carbazole	11.610	167	510463	51.665	ng	100
74) Di-n-butylphthalate	11.927	149	630897	54.409	ng	100
75) Fluoranthene	12.592	202	602142	51.045	ng	99
77) Benzidine	12.716	184	168731	63.598	ng	100
78) Pyrene	12.822	202	611888	52.933	ng	99
80) Butylbenzylphthalate	13.427	149	239628	56.338	ng	99
81) Benzo(a)anthracene	14.016	228	506153	54.939	ng	99
82) 3,3'-Dichlorobenzidine	13.969	252	104545	37.611	ng	98
83) Chrysene	14.051	228	440952	52.634	ng	100
84) Bis(2-ethylhexyl)phtha...	13.980	149	335787	61.225	ng	99
85) Di-n-octyl phthalate	14.604	149	517690	62.392	ng	99
87) Indeno(1,2,3-cd)pyrene	17.015	276	483120	63.979	ng	98
88) Benzo(b)fluoranthene	15.074	252	453696	54.014	ng	100
89) Benzo(k)fluoranthene	15.104	252	377629	52.411	ng	99
90) Benzo(a)pyrene	15.445	252	387987	58.990	ng	99
91) Dibenzo(a,h)anthracene	17.021	278	391475	62.578	ng	99
92) Benzo(g,h,i)perylene	17.462	276	355912	55.900	ng	99

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

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