Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111324\
Data File : BF140334.D
Acq On : 13 Nov 2024 09:53
Operator : RC/JU
Sample : SSTDICC010
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Nov 13 14:23:21 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF111324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 13 13:11:08 2024
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
SSTDICC010

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 11/14/2024
Supervised By :mohammad ahmed 11/14/2024

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.875	152	151757	20.000	ng		0.00
21) Naphthalene-d8	8.157	136	576727	20.000	ng		0.00
39) Acenaphthene-d10	9.910	164	332343	20.000	ng		0.00
64) Phenanthrene-d10	11.398	188	625922	20.000	ng		0.00
76) Chrysene-d12	14.051	240	456049	20.000	ng		0.00
86) Perylene-d12	15.562	264	358045	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.493	112	190834	21.470	ng		0.00
7) Phenol-d6	6.492	99	256677	21.315	ng		-0.01
23) Nitrobenzene-d5	7.434	82	231031	20.872	ng		0.00
42) 2,4,6-Tribromophenol	10.698	330	70040	21.193	ng		0.00
45) 2-Fluorobiphenyl	9.228	172	463950	22.441	ng		0.00
79) Terphenyl-d14	12.980	244	540367	20.567	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.640	88	41430	10.458	ng		98
3) Pyridine	3.416	79	101886	10.462	ng		100
4) n-Nitrosodimethylamine	3.346	42	47921	9.736	ng		96
6) Aniline	6.534	93	115851	11.059	ng		99
8) 2-Chlorophenol	6.657	128	102376	10.723	ng		100
9) Benzaldehyde	6.428	77	82498	11.431	ng		99
10) Phenol	6.510	94	136055	10.713	ng		96
11) bis(2-Chloroethyl)ether	6.604	93	98194	10.205	ng		97
12) 1,3-Dichlorobenzene	6.816	146	111939	10.626	ng		99
13) 1,4-Dichlorobenzene	6.892	146	116395	10.897	ng		99
14) 1,2-Dichlorobenzene	7.045	146	108453	10.937	ng		98
15) Benzyl Alcohol	7.010	79	90500	10.431	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.151	45	138565	10.425	ng		99
17) 2-Methylphenol	7.122	107	80567	10.258	ng		99
18) Hexachloroethane	7.387	117	41189	10.431	ng		97
19) n-Nitroso-di-n-propyla...	7.275	70	76077	10.460	ng		96
20) 3+4-Methylphenols	7.275	107	108265	11.022	ng	#	89
22) Acetophenone	7.281	105	146536	10.925	ng		97
24) Nitrobenzene	7.451	77	121397	10.534	ng		99
25) Isophorone	7.686	82	202309	10.313	ng		98
26) 2-Nitrophenol	7.769	139	51547	10.079	ng		97
27) 2,4-Dimethylphenol	7.804	122	68066	10.396	ng		100
28) bis(2-Chloroethoxy)met...	7.898	93	127440	10.594	ng		99
29) 2,4-Dichlorophenol	8.010	162	85290	10.540	ng		98
30) 1,2,4-Trichlorobenzene	8.098	180	95485	10.599	ng		99
31) Naphthalene	8.181	128	318527	10.887	ng		99
32) Benzoic acid	7.875	122	51387m	8.934	ng		
33) 4-Chloroaniline	8.222	127	111264	10.936	ng		99
34) Hexachlorobutadiene	8.292	225	61596	10.731	ng		99
35) Caprolactam	8.563	113	26940	9.902	ng		97
36) 4-Chloro-3-methylphenol	8.698	107	94282	10.514	ng		99
37) 2-Methylnaphthalene	8.869	142	203533	10.850	ng		99
38) 1-Methylnaphthalene	8.969	142	200722	10.926	ng		99
40) 1,2,4,5-Tetrachloroben...	9.033	216	97174	10.573	ng		98
41) Hexachlorocyclopentadiene	9.022	237	18405	7.800	ng		98
43) 2,4,6-Trichlorophenol	9.145	196	62134	10.302	ng		99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.181	196	69370	10.520	ng	98
46) 1,1'-Biphenyl	9.328	154	261030	10.796	ng	99
47) 2-Chloronaphthalene	9.357	162	196370	10.662	ng	99
48) 2-Nitroaniline	9.451	65	60634	9.927	ng	99
49) Acenaphthylene	9.769	152	299521	10.749	ng	100
50) Dimethylphthalate	9.628	163	225705	10.419	ng	99
51) 2,6-Dinitrotoluene	9.692	165	50400	10.206	ng	97
52) Acenaphthene	9.945	154	200055	10.629	ng	99
53) 3-Nitroaniline	9.857	138	54319	10.473	ng	99
54) 2,4-Dinitrophenol	9.969	184	18126	7.117	ng	98
55) Dibenzofuran	10.116	168	288411	10.825	ng	98
56) 4-Nitrophenol	10.016	139	36056	9.531	ng	98
57) 2,4-Dinitrotoluene	10.092	165	66496	10.231	ng	98
58) Fluorene	10.457	166	233209	11.080	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.233	232	54566m	10.489	ng	
60) Diethylphthalate	10.328	149	235508	10.632	ng	100
61) 4-Chlorophenyl-phenyle...	10.451	204	114328	11.002	ng	98
62) 4-Nitroaniline	10.469	138	54026	10.188	ng	98
63) Azobenzene	10.610	77	231165	10.562	ng	99
65) 4,6-Dinitro-2-methylph...	10.504	198	30629	9.095	ng	97
66) n-Nitrosodiphenylamine	10.563	169	197047	10.896	ng	99
67) 4-Bromophenyl-phenylether	10.939	248	65844	10.524	ng	98
68) Hexachlorobenzene	11.010	284	75713	10.755	ng	95
69) Atrazine	11.092	200	57244	10.462	ng	99
70) Pentachlorophenol	11.204	266	33884	8.935	ng	98
71) Phenanthrene	11.422	178	329580	11.209	ng	99
72) Anthracene	11.475	178	318560	11.055	ng	98
73) Carbazole	11.627	167	315859	11.101	ng	99
74) Di-n-butylphthalate	11.957	149	368412	10.788	ng	99
75) Fluoranthene	12.610	202	375846	11.394	ng	99
77) Benzidine	12.733	184	144597	8.261	ng	99
78) Pyrene	12.839	202	388982	9.972	ng	98
80) Butylbenzylphthalate	13.457	149	145394	9.702	ng	98
81) Benzo(a)anthracene	14.039	228	323440	10.791	ng	99
82) 3,3'-Dichlorobenzidine	14.004	252	98211	10.309	ng	99
83) Chrysene	14.080	228	282868	10.343	ng	99
84) Bis(2-ethylhexyl)phtha...	14.027	149	202970	10.147	ng	99
85) Di-n-octyl phthalate	14.668	149	277399	9.847	ng	100
87) Indeno(1,2,3-cd)pyrene	17.062	276	205803	9.305	ng	99
88) Benzo(b)fluoranthene	15.127	252	241957	10.331	ng	99
89) Benzo(k)fluoranthene	15.151	252	222087	11.607	ng	99
90) Benzo(a)pyrene	15.498	252	188533	10.366	ng	98
91) Dibenzo(a,h)anthracene	17.080	278	170496	9.326	ng	100
92) Benzo(g,h,i)perylene	17.515	276	172345	9.221	ng	100

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

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