Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112724\
Data File : BF140659.D
Acq On : 27 Nov 2024 10:30
Operator : RC/JU
Sample : PB165144BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Nov 27 11:15:37 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 21 15:23:48 2024
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
PB165144BS

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 11/29/2024
Supervised By :mohammad ahmed 11/29/2024

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.869	152	82046	20.000	ng		0.00
21) Naphthalene-d8	8.151	136	308441	20.000	ng		0.00
39) Acenaphthene-d10	9.910	164	177190	20.000	ng		0.00
64) Phenanthrene-d10	11.398	188	338038	20.000	ng		0.00
76) Chrysene-d12	14.051	240	213188	20.000	ng		0.00
86) Perylene-d12	15.545	264	167110	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.510	112	660162	137.286	ng		0.01
7) Phenol-d6	6.516	99	860079	135.293	ng		0.00
23) Nitrobenzene-d5	7.434	82	560054	92.876	ng		0.00
42) 2,4,6-Tribromophenol	10.704	330	265293	139.992	ng		0.00
45) 2-Fluorobiphenyl	9.228	172	1089947	91.651	ng		0.00
79) Terphenyl-d14	12.986	244	1256199	91.753	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.728	88	86757	42.911	ng		97
3) Pyridine	3.493	79	220472	49.562	ng		99
4) n-Nitrosodimethylamine	3.446	42	121230	46.369	ng		93
6) Aniline	6.534	93	222514	49.729	ng	#	85
8) 2-Chlorophenol	6.663	128	257589	49.791	ng		95
9) Benzaldehyde	6.422	77	19047	5.660	ng		98
10) Phenol	6.528	94	326867	50.347	ng		99
11) bis(2-Chloroethyl)ether	6.604	93	238808	48.069	ng		99
12) 1,3-Dichlorobenzene	6.810	146	273009	46.965	ng		98
13) 1,4-Dichlorobenzene	6.887	146	274088	46.566	ng		100
14) 1,2-Dichlorobenzene	7.040	146	263879	47.844	ng		100
15) Benzyl Alcohol	7.016	79	237674	50.414	ng		97
16) 2,2'-oxybis(1-Chloropr...	7.140	45	295074	50.275	ng		90
17) 2-Methylphenol	7.128	107	206253	49.804	ng		97
18) Hexachloroethane	7.381	117	102854	46.787	ng		100
19) n-Nitroso-di-n-propyla...	7.281	70	179461	47.766	ng		99
20) 3+4-Methylphenols	7.281	107	261956	49.213	ng		96
22) Acetophenone	7.281	105	355523	47.279	ng		99
24) Nitrobenzene	7.457	77	285464	45.804	ng		97
25) Isophorone	7.693	82	494582	49.174	ng		100
26) 2-Nitrophenol	7.769	139	140191	50.759	ng		96
27) 2,4-Dimethylphenol	7.804	122	209117	63.282	ng		98
28) bis(2-Chloroethoxy)met...	7.898	93	296167	48.336	ng		99
29) 2,4-Dichlorophenol	8.016	162	218763	49.960	ng		98
30) 1,2,4-Trichlorobenzene	8.093	180	229749	45.954	ng		99
31) Naphthalene	8.175	128	765296	48.170	ng		100
32) Benzoic acid	7.940	122	114650	41.088	ng		100
33) 4-Chloroaniline	8.222	127	133189	28.000	ng		97
34) Hexachlorobutadiene	8.287	225	152393	46.020	ng		99
35) Caprolactam	8.598	113	69861m	51.555	ng		
36) 4-Chloro-3-methylphenol	8.716	107	246154	50.209	ng		98
37) 2-Methylnaphthalene	8.863	142	502787	49.825	ng		99
38) 1-Methylnaphthalene	8.963	142	467838	47.298	ng		99
40) 1,2,4,5-Tetrachloroben...	9.034	216	242624	46.773	ng		99
41) Hexachlorocyclopentadiene	9.016	237	200078	163.248	ng		99
43) 2,4,6-Trichlorophenol	9.145	196	156766	48.162	ng		98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.198	196	164532	46.576	ng	96
46) 1,1'-Biphenyl	9.328	154	631034	47.700	ng	99
47) 2-Chloronaphthalene	9.357	162	470299	46.917	ng	99
48) 2-Nitroaniline	9.457	65	158673	49.315	ng	96
49) Acenaphthylene	9.769	152	781907	51.626	ng	99
50) Dimethylphthalate	9.628	163	574368	49.219	ng	99
51) 2,6-Dinitrotoluene	9.698	165	125055	47.251	ng	94
52) Acenaphthene	9.945	154	473370	49.189	ng	100
53) 3-Nitroaniline	9.869	138	83776	32.365	ng	96
54) 2,4-Dinitrophenol	9.981	184	120715	87.279	ng	97
55) Dibenzofuran	10.116	168	706974	48.163	ng	99
56) 4-Nitrophenol	10.045	139	168353	95.365	ng	94
57) 2,4-Dinitrotoluene	10.104	165	172553	49.057	ng	97
58) Fluorene	10.457	166	560062	47.534	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.239	232	141245	52.026	ng	95
60) Diethylphthalate	10.328	149	565227	47.672	ng	100
61) 4-Chlorophenyl-phenyle...	10.445	204	277803	48.045	ng	99
62) 4-Nitroaniline	10.486	138	130223	47.967	ng	97
63) Azobenzene	10.610	77	541255	48.205	ng	99
65) 4,6-Dinitro-2-methylph...	10.516	198	94895	54.935	ng	96
66) n-Nitrosodiphenylamine	10.569	169	487573	48.774	ng	100
67) 4-Bromophenyl-phenylether	10.939	248	165350	47.497	ng	98
68) Hexachlorobenzene	11.010	284	189679	47.055	ng	99
69) Atrazine	11.098	200	161923	57.578	ng	98
70) Pentachlorophenol	11.210	266	172264	97.098	ng	99
71) Phenanthrene	11.428	178	808001	49.726	ng	99
72) Anthracene	11.475	178	823351	51.800	ng	99
73) Carbazole	11.633	167	763113	49.906	ng	100
74) Di-n-butylphthalate	11.951	149	868491	49.197	ng	100
75) Fluoranthene	12.616	202	893626	50.652	ng	99
77) Benzidine	12.739	184	184796	29.814	ng	99
78) Pyrene	12.845	202	920263	46.686	ng	100
80) Butylbenzylphthalate	13.457	149	344945	48.577	ng	98
81) Benzo(a)anthracene	14.039	228	712365	50.479	ng	100
82) 3,3'-Dichlorobenzidine	13.998	252	139928	33.025	ng	98
83) Chrysene	14.075	228	656248	50.856	ng	100
84) Bis(2-ethylhexyl)phtha...	14.016	149	455416	50.791	ng	100
85) Di-n-octyl phthalate	14.639	149	659465	53.817	ng	98
87) Indeno(1,2,3-cd)pyrene	17.057	276	548733	50.387	ng	99
88) Benzo(b)fluoranthene	15.110	252	535206	50.989	ng	99
89) Benzo(k)fluoranthene	15.139	252	484597	52.758	ng	100
90) Benzo(a)pyrene	15.480	252	467848	54.819	ng	99
91) Dibenzo(a,h)anthracene	17.068	278	450067	50.463	ng	100
92) Benzo(g,h,i)perylene	17.510	276	423327	46.514	ng	98

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

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