Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120224\
Data File : BF140686.D
Acq On : 02 Dec 2024 12:41
Operator : RC/JU
Sample : PB165294BS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Dec 02 13:03:35 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 :
PB165294BS

Manual Integrations APPROVED

Reviewed By :Yogesh Patel

12/03/2024
Supervised By :mohammad ahmed

12/05/2024

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.869	152	73424	20.000	ng		0.00
21) Naphthalene-d8	8.151	136	289038	20.000	ng		0.00
39) Acenaphthene-d10	9.910	164	165983	20.000	ng		0.00
64) Phenanthrene-d10	11.398	188	315793	20.000	ng		0.00
76) Chrysene-d12	14.063	240	189731	20.000	ng		0.01
86) Perylene-d12	15.580	264	164500	20.000	ng		0.04
System Monitoring Compounds							
5) 2-Fluorophenol	5.510	112	633356	147.178	ng		0.01
7) Phenol-d6	6.516	99	839141	147.499	ng		0.00
23) Nitrobenzene-d5	7.434	82	555836	98.365	ng		0.00
42) 2,4,6-Tribromophenol	10.704	330	264384	148.932	ng		0.00
45) 2-Fluorobiphenyl	9.228	172	1076487	96.631	ng		0.00
79) Terphenyl-d14	12.986	244	1237478	101.560	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.734	88	84344	46.616	ng		98
3) Pyridine	3.498	79	200795	50.439	ng		99
4) n-Nitrosodimethylamine	3.451	42	113771	48.626	ng		94
6) Aniline	6.534	93	200220	50.001	ng	#	84
8) 2-Chlorophenol	6.663	128	252460	54.530	ng		95
9) Benzaldehyde	6.422	77	94676	31.436	ng		100
10) Phenol	6.528	94	315385	54.283	ng		99
11) bis(2-Chloroethyl)ether	6.604	93	232089	52.202	ng		99
12) 1,3-Dichlorobenzene	6.810	146	265521	51.040	ng		98
13) 1,4-Dichlorobenzene	6.887	146	269073	51.083	ng		100
14) 1,2-Dichlorobenzene	7.039	146	264233	53.534	ng		99
15) Benzyl Alcohol	7.016	79	234354	55.547	ng		96
16) 2,2'-oxybis(1-Chloropr...	7.139	45	296153	56.384	ng		91
17) 2-Methylphenol	7.128	107	204206	55.101	ng		98
18) Hexachloroethane	7.381	117	102505	52.104	ng		100
19) n-Nitroso-di-n-propyla...	7.281	70	181204	53.894	ng		98
20) 3+4-Methylphenols	7.287	107	265384	55.711	ng	#	89
22) Acetophenone	7.281	105	350168	49.693	ng		97
24) Nitrobenzene	7.451	77	285397	48.867	ng		99
25) Isophorone	7.692	82	493720	52.384	ng		100
26) 2-Nitrophenol	7.769	139	140594	54.323	ng		96
27) 2,4-Dimethylphenol	7.804	122	208073m	67.193	ng		
28) bis(2-Chloroethoxy)met...	7.898	93	297049	51.735	ng		100
29) 2,4-Dichlorophenol	8.016	162	220064	53.631	ng		98
30) 1,2,4-Trichlorobenzene	8.092	180	230314	49.160	ng		99
31) Naphthalene	8.175	128	758605	50.954	ng		99
32) Benzoic acid	7.939	122	111046	42.226	ng		99
33) 4-Chloroaniline	8.222	127	109929	24.661	ng		97
34) Hexachlorobutadiene	8.286	225	150049	48.354	ng		99
35) Caprolactam	8.598	113	70607m	55.603	ng		
36) 4-Chloro-3-methylphenol	8.716	107	248152	54.015	ng		100
37) 2-Methylnaphthalene	8.863	142	500971	52.978	ng		99
38) 1-Methylnaphthalene	8.963	142	470526	50.763	ng		99
40) 1,2,4,5-Tetrachloroben...	9.028	216	240177	49.428	ng		99
41) Hexachlorocyclopentadiene	9.016	237	193923	168.656	ng		98
43) 2,4,6-Trichlorophenol	9.145	196	153693	50.407	ng		97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.192	196	165866	50.124	ng	98
46) 1,1'-Biphenyl	9.328	154	623466	50.310	ng	100
47) 2-Chloronaphthalene	9.357	162	474911	50.576	ng	98
48) 2-Nitroaniline	9.457	65	156189	51.821	ng	94
49) Acenaphthylene	9.769	152	782193	55.132	ng	100
50) Dimethylphthalate	9.628	163	570348	52.175	ng	100
51) 2,6-Dinitrotoluene	9.698	165	125293	50.537	ng	93
52) Acenaphthene	9.945	154	475885	52.790	ng	99
53) 3-Nitroaniline	9.869	138	75567	31.164	ng	95
54) 2,4-Dinitrophenol	9.986	184	112627	86.961	ng	94
55) Dibenzofuran	10.116	168	716969	52.142	ng	100
56) 4-Nitrophenol	10.045	139	159450	96.420	ng	94
57) 2,4-Dinitrotoluene	10.104	165	171936	52.182	ng	98
58) Fluorene	10.457	166	573566	51.967	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.239	232	147242	57.897	ng	92
60) Diethylphthalate	10.327	149	572178	51.517	ng	100
61) 4-Chlorophenyl-phenyle...	10.445	204	279125	51.533	ng	98
62) 4-Nitroaniline	10.486	138	134507	52.890	ng	92
63) Azobenzene	10.610	77	554971	52.764	ng	99
65) 4,6-Dinitro-2-methylph...	10.516	198	89314	55.347	ng	99
66) n-Nitrosodiphenylamine	10.569	169	496987	53.217	ng	99
67) 4-Bromophenyl-phenylether	10.939	248	165605	50.921	ng	97
68) Hexachlorobenzene	11.010	284	192734	51.181	ng	99
69) Atrazine	11.098	200	162107	61.703	ng	99
70) Pentachlorophenol	11.210	266	156988	94.721	ng	99
71) Phenanthrene	11.427	178	822840	54.206	ng	99
72) Anthracene	11.474	178	842541	56.741	ng	100
73) Carbazole	11.633	167	770976	53.972	ng	100
74) Di-n-butylphthalate	11.951	149	866939	52.569	ng	99
75) Fluoranthene	12.616	202	891314	54.080	ng	99
77) Benzidine	12.739	184	220537	39.979	ng	99
78) Pyrene	12.845	202	916827	52.262	ng	100
80) Butylbenzylphthalate	13.457	149	345862	54.728	ng	97
81) Benzo(a)anthracene	14.051	228	686170	54.634	ng	100
82) 3,3'-Dichlorobenzidine	14.010	252	115916	30.740	ng	97
83) Chrysene	14.092	228	636230	55.400	ng	100
84) Bis(2-ethylhexyl)phtha...	14.027	149	443875	55.624	ng	99
85) Di-n-octyl phthalate	14.674	149	629771	57.748	ng	98
87) Indeno(1,2,3-cd)pyrene	17.104	276	572111	53.367	ng	98
88) Benzo(b)fluoranthene	15.145	252	573795	55.533	ng	99
89) Benzo(k)fluoranthene	15.174	252	449220	49.683	ng	100
90) Benzo(a)pyrene	15.521	252	477970	56.894	ng	99
91) Dibenzo(a,h)anthracene	17.115	278	459050	52.286	ng	99
92) Benzo(g,h,i)perylene	17.562	276	435299	48.588	ng	98

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

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