Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120924\
Data File : BF140785.D
Acq On : 09 Dec 2024 13:13
Operator : RC/JU
Sample : PB165432BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Dec 09 14:43:27 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 :
PB165432BS

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 12/11/2024
Supervised By :mohammad ahmed 12/12/2024

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12/12/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.863	152	74041	20.000	ng	-0.01
21) Naphthalene-d8	8.145	136	285606	20.000	ng	-0.01
39) Acenaphthene-d10	9.904	164	160534	20.000	ng	-0.01
64) Phenanthrene-d10	11.398	188	304861	20.000	ng	0.00
76) Chrysene-d12	14.051	240	195558	20.000	ng	0.00
86) Perylene-d12	15.545	264	141616	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	617461	142.288	ng	0.01
7) Phenol-d6	6.510	99	800602	139.553	ng	0.00
23) Nitrobenzene-d5	7.428	82	517658	92.709	ng	-0.01
42) 2,4,6-Tribromophenol	10.704	330	250496	145.898	ng	0.00
45) 2-Fluorobiphenyl	9.222	172	1022931	94.940	ng	-0.01
79) Terphenyl-d14	12.980	244	1185336	94.382	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	2.722	88	78352	42.944	ng	99
3) Pyridine	3.493	79	193458	48.191	ng	99
4) n-Nitrosodimethylamine	3.445	42	106248	45.032	ng	93
6) Aniline	6.534	93	200799	49.728	ng	87
8) 2-Chlorophenol	6.657	128	232496	49.799	ng	96
9) Benzaldehyde	6.422	77	42317	13.934	ng	97
10) Phenol	6.528	94	291578	49.767	ng	95
11) bis(2-Chloroethyl)ether	6.598	93	226999	50.632	ng	98
12) 1,3-Dichlorobenzene	6.804	146	244825	46.670	ng	98
13) 1,4-Dichlorobenzene	6.881	146	247359	46.569	ng	100
14) 1,2-Dichlorobenzene	7.033	146	240035	48.227	ng	98
15) Benzyl Alcohol	7.010	79	206091	48.441	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.133	45	257687	48.652	ng	68
17) 2-Methylphenol	7.128	107	184431	49.350	ng	96
18) Hexachloroethane	7.369	117	91862	46.305	ng	98
19) n-Nitroso-di-n-propyla...	7.275	70	165296	48.753	ng	98
20) 3+4-Methylphenols	7.281	107	242964	50.580	ng	91
22) Acetophenone	7.275	105	320774	46.069	ng	95
24) Nitrobenzene	7.451	77	253205	43.876	ng	98
25) Isophorone	7.686	82	446359	47.928	ng	100
26) 2-Nitrophenol	7.763	139	123884	48.441	ng	97
27) 2,4-Dimethylphenol	7.804	122	185979m	60.780	ng	
28) bis(2-Chloroethoxy)met...	7.892	93	266856	47.035	ng	99
29) 2,4-Dichlorophenol	8.016	162	198214	48.887	ng	98
30) 1,2,4-Trichlorobenzene	8.086	180	209023	45.151	ng	99
31) Naphthalene	8.169	128	688857	46.825	ng	99
32) Benzoic acid	7.945	122	101267	39.525	ng	96
33) 4-Chloroaniline	8.222	127	119461	27.122	ng	98
34) Hexachlorobutadiene	8.280	225	136467	44.505	ng	99
35) Caprolactam	8.592	113	61623m	49.111	ng	
36) 4-Chloro-3-methylphenol	8.716	107	216961	47.793	ng	98
37) 2-Methylnaphthalene	8.857	142	453921	48.579	ng	99
38) 1-Methylnaphthalene	8.957	142	418495	45.693	ng	100
40) 1,2,4,5-Tetrachloroben...	9.027	216	219251	46.653	ng	99
41) Hexachlorocyclopentadiene	9.010	237	129821	118.984	ng	99
43) 2,4,6-Trichlorophenol	9.145	196	139572	47.329	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.198	196	147816	46.186	ng	97
46) 1,1'-Biphenyl	9.322	154	568054	47.395	ng	99
47) 2-Chloronaphthalene	9.351	162	417234	45.942	ng	98
48) 2-Nitroaniline	9.451	65	137698	47.237	ng	98
49) Acenaphthylene	9.769	152	697003	50.795	ng	100
50) Dimethylphthalate	9.622	163	511708	48.399	ng	100
51) 2,6-Dinitrotoluene	9.692	165	112727	47.012	ng	96
52) Acenaphthene	9.939	154	419419	48.105	ng	100
53) 3-Nitroaniline	9.869	138	73294	31.253	ng	95
54) 2,4-Dinitrophenol	9.986	184	110022	87.755	ng	93
55) Dibenzofuran	10.110	168	627268	47.167	ng	99
56) 4-Nitrophenol	10.051	139	136451	85.313	ng	96
57) 2,4-Dinitrotoluene	10.104	165	151044	47.397	ng	95
58) Fluorene	10.457	166	510311	47.806	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.239	232	124603	50.658	ng	91
60) Diethylphthalate	10.322	149	506441	47.146	ng	100
61) 4-Chlorophenyl-phenyle...	10.445	204	253381	48.367	ng	95
62) 4-Nitroaniline	10.486	138	117583	47.805	ng	96
63) Azobenzene	10.604	77	485982	47.773	ng	99
65) 4,6-Dinitro-2-methylph...	10.516	198	81575	52.364	ng	97
66) n-Nitrosodiphenylamine	10.563	169	440615	48.873	ng	100
67) 4-Bromophenyl-phenylether	10.933	248	152081	48.440	ng	97
68) Hexachlorobenzene	11.004	284	170335	46.855	ng	97
69) Atrazine	11.092	200	139437	54.978	ng	100
70) Pentachlorophenol	11.210	266	134434	84.021	ng	99
71) Phenanthrene	11.421	178	725414	49.502	ng	99
72) Anthracene	11.474	178	740018	51.624	ng	99
73) Carbazole	11.633	167	692954	50.250	ng	99
74) Di-n-butylphthalate	11.951	149	768513	48.271	ng	99
75) Fluoranthene	12.615	202	813726	51.143	ng	100
77) Benzidine	12.739	184	190010	33.419	ng	99
78) Pyrene	12.845	202	835623	46.214	ng	99
80) Butylbenzylphthalate	13.451	149	298566	45.836	ng	98
81) Benzo(a)anthracene	14.039	228	649936	50.207	ng	99
82) 3,3'-Dichlorobenzidine	13.998	252	132828	34.176	ng	98
83) Chrysene	14.074	228	586446	49.544	ng	100
84) Bis(2-ethylhexyl)phtha...	14.009	149	348918	42.422	ng	99
85) Di-n-octyl phthalate	14.633	149	449578	39.996	ng	98
87) Indeno(1,2,3-cd)pyrene	17.068	276	470565	50.988	ng	99
88) Benzo(b)fluoranthene	15.109	252	426931	47.996	ng	100
89) Benzo(k)fluoranthene	15.139	252	434144	55.774	ng	100
90) Benzo(a)pyrene	15.486	252	392424	54.259	ng	99
91) Dibenzo(a,h)anthracene	17.074	278	380010	50.278	ng	100
92) Benzo(g,h,i)perylene	17.527	276	362994	47.065	ng	99

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

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