Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100924\
Data File : BF139716.D
Acq On : 09 Oct 2024 12:09
Operator : RC/JU
Sample : PB163947BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Quant Time: Oct 09 12:58:01 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 02 04:58:47 2024
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
PB163947BS

Manual Integrations APPROVED

Reviewed By :Yogesh Patel

10/10/2024
Supervised By :mohammad ahmed

10/10/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	98066	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	381544	20.000	ng	0.00
39) Acenaphthene-d10	9.904	164	213652	20.000	ng	0.00
64) Phenanthrene-d10	11.392	188	400245	20.000	ng	0.00
76) Chrysene-d12	14.033	240	208540	20.000	ng	0.00
86) Perylene-d12	15.498	264	181893	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	758580	134.074	ng	0.02
7) Phenol-d6	6.504	99	1012105	133.019	ng	0.00
23) Nitrobenzene-d5	7.434	82	667650	88.596	ng	0.00
42) 2,4,6-Tribromophenol	10.698	330	277836	134.711	ng	0.00
45) 2-Fluorobiphenyl	9.228	172	1211803	87.073	ng	0.00
79) Terphenyl-d14	12.974	244	1287645	101.314	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.740	88	98575	40.298	ng	98
3) Pyridine	3.481	79	264714	44.496	ng	97
4) n-Nitrosodimethylamine	3.440	42	174451	44.798	ng	96
6) Aniline	6.534	93	362825	53.738	ng	98
8) 2-Chlorophenol	6.657	128	297817	49.130	ng	97
9) Benzaldehyde	6.416	77	101699	25.232	ng	99
10) Phenol	6.522	94	382688	47.833	ng	82
11) bis(2-Chloroethyl)ether	6.604	93	297252	45.632	ng	99
12) 1,3-Dichlorobenzene	6.810	146	305253	44.763	ng	99
13) 1,4-Dichlorobenzene	6.887	146	311605	45.117	ng	99
14) 1,2-Dichlorobenzene	7.034	146	297437	45.950	ng	99
15) Benzyl Alcohol	7.010	79	279350	48.052	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.139	45	526879	46.721	ng	88
17) 2-Methylphenol	7.128	107	240992	47.621	ng	96
18) Hexachloroethane	7.375	117	116017	45.035	ng	99
19) n-Nitroso-di-n-propyla...	7.281	70	222397	45.464	ng	100
20) 3+4-Methylphenols	7.281	107	301786	47.478	ng	94
22) Acetophenone	7.275	105	410833	45.362	ng	98
24) Nitrobenzene	7.451	77	340590	43.646	ng	99
25) Isophorone	7.692	82	614320	45.897	ng	100
26) 2-Nitrophenol	7.769	139	160240	47.766	ng	98
27) 2,4-Dimethylphenol	7.804	122	233186m	56.781	ng	
28) bis(2-Chloroethoxy)met...	7.898	93	364012	45.544	ng	99
29) 2,4-Dichlorophenol	8.010	162	252373	47.114	ng	99
30) 1,2,4-Trichlorobenzene	8.086	180	261568	43.178	ng	100
31) Naphthalene	8.169	128	870311	44.613	ng	99
32) Benzoic acid	7.939	122	191020	46.778	ng	99
33) 4-Chloroaniline	8.222	127	244383	37.009	ng	99
34) Hexachlorobutadiene	8.286	225	170154	43.404	ng	99
35) Caprolactam	8.598	113	83966m	47.791	ng	
36) 4-Chloro-3-methylphenol	8.710	107	278953	46.003	ng	98
37) 2-Methylnaphthalene	8.863	142	575605	45.304	ng	100
38) 1-Methylnaphthalene	8.963	142	529739	42.655	ng	100
40) 1,2,4,5-Tetrachloroben...	9.028	216	267809	45.140	ng	99
41) Hexachlorocyclopentadiene	9.010	237	313654	172.417	ng	100
43) 2,4,6-Trichlorophenol	9.145	196	185841	46.466	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.186	196	198834	46.100	ng	98
46) 1,1'-Biphenyl	9.328	154	724545	45.595	ng	100
47) 2-Chloronaphthalene	9.351	162	544059	45.670	ng	98
48) 2-Nitroaniline	9.451	65	203727	47.640	ng	97
49) Acenaphthylene	9.769	152	891087	49.186	ng	100
50) Dimethylphthalate	9.628	163	666947	47.687	ng	99
51) 2,6-Dinitrotoluene	9.692	165	145788	46.145	ng	95
52) Acenaphthene	9.939	154	639361m	51.407	ng	
53) 3-Nitroaniline	9.863	138	127636	39.533	ng	97
54) 2,4-Dinitrophenol	9.975	184	172879	101.736	ng	98
55) Dibenzofuran	10.110	168	811937	46.626	ng	99
56) 4-Nitrophenol	10.033	139	228621	92.857	ng	93
57) 2,4-Dinitrotoluene	10.098	165	196076	47.480	ng	99
58) Fluorene	10.457	166	638673	46.048	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.233	232	173362	49.765	ng	97
60) Diethylphthalate	10.328	149	668628	46.285	ng	100
61) 4-Chlorophenyl-phenyle...	10.445	204	315073	45.407	ng	97
62) 4-Nitroaniline	10.480	138	156962	47.529	ng	96
63) Azobenzene	10.604	77	678974	46.737	ng	99
65) 4,6-Dinitro-2-methylph...	10.510	198	111178	49.183	ng	94
66) n-Nitrosodiphenylamine	10.569	169	570781	48.380	ng	99
67) 4-Bromophenyl-phenylether	10.933	248	188639	45.968	ng	97
68) Hexachlorobenzene	10.998	284	209236	45.949	ng	98
69) Atrazine	11.092	200	181670	57.393	ng	99
70) Pentachlorophenol	11.198	266	236149	87.092	ng	97
71) Phenanthrene	11.416	178	917561	48.621	ng	99
72) Anthracene	11.469	178	929344	49.777	ng	100
73) Carbazole	11.627	167	839436	46.813	ng	99
74) Di-n-butylphthalate	11.951	149	1021617	46.852	ng	99
75) Fluoranthene	12.604	202	941884	45.657	ng	100
77) Benzidine	12.727	184	397652	108.105	ng	100
78) Pyrene	12.833	202	946991	50.773	ng	99
80) Butylbenzylphthalate	13.451	149	337692	50.617	ng	97
81) Benzo(a)anthracene	14.021	228	663110	48.364	ng	99
82) 3,3'-Dichlorobenzidine	13.986	252	183780	43.798	ng	99
83) Chrysene	14.057	228	613930	48.977	ng	100
84) Bis(2-ethylhexyl)phtha...	14.004	149	419730	50.383	ng	99
85) Di-n-octyl phthalate	14.615	149	611291	49.947	ng	98
87) Indeno(1,2,3-cd)pyrene	16.986	276	598929	55.944	ng	99
88) Benzo(b)fluoranthene	15.074	252	531558	45.197	ng	100
89) Benzo(k)fluoranthene	15.104	252	499304	50.048	ng	100
90) Benzo(a)pyrene	15.439	252	489622	52.798	ng	99
91) Dibenzo(a,h)anthracene	16.998	278	489916	55.174	ng	99
92) Benzo(g,h,i)perylene	17.433	276	464559	52.167	ng	99

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

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