Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100424\
Data File : BF139647.D
Acq On : 04 Oct 2024 10:24
Operator : RC/JU
Sample : PB163883BS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Oct 04 11:11:21 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 :
PB163883BS

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 10/05/2024
Supervised By :mohammad ahmed 10/07/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.863	152	93801	20.000	ng	0.00
21) Naphthalene-d8	8.145	136	355027	20.000	ng	0.00
39) Acenaphthene-d10	9.904	164	196147	20.000	ng	0.00
64) Phenanthrene-d10	11.386	188	367991	20.000	ng	0.00
76) Chrysene-d12	14.027	240	195485	20.000	ng	0.00
86) Perylene-d12	15.492	264	202104	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	739658	136.673	ng	0.01
7) Phenol-d6	6.504	99	974483	133.898	ng	0.00
23) Nitrobenzene-d5	7.434	82	637473	90.910	ng	0.00
42) 2,4,6-Tribromophenol	10.698	330	255841	135.117	ng	0.00
45) 2-Fluorobiphenyl	9.222	172	1154929	90.393	ng	0.00
79) Terphenyl-d14	12.974	244	1174711	98.601	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.734	88	99104	42.356	ng	99
3) Pyridine	3.475	79	264987	46.567	ng	97
4) n-Nitrosodimethylamine	3.440	42	178398	47.895	ng	95
6) Aniline	6.528	93	344284	53.310	ng	90
8) 2-Chlorophenol	6.651	128	287913	49.656	ng	99
9) Benzaldehyde	6.416	77	105150	27.275	ng	100
10) Phenol	6.516	94	377287	49.302	ng	92
11) bis(2-Chloroethyl)ether	6.604	93	281272	45.142	ng	100
12) 1,3-Dichlorobenzene	6.804	146	296780	45.499	ng	99
13) 1,4-Dichlorobenzene	6.881	146	301575	45.650	ng	99
14) 1,2-Dichlorobenzene	7.034	146	287676	46.463	ng	99
15) Benzyl Alcohol	7.010	79	271615	48.845	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.139	45	516781	47.909	ng	97
17) 2-Methylphenol	7.122	107	231394	47.804	ng	99
18) Hexachloroethane	7.375	117	114077	46.296	ng	97
19) n-Nitroso-di-n-propyla...	7.281	70	215070	45.965	ng	98
20) 3+4-Methylphenols	7.275	107	289510	47.618	ng	96
22) Acetophenone	7.275	105	391889	46.503	ng	99
24) Nitrobenzene	7.451	77	329764	45.415	ng	100
25) Isophorone	7.686	82	586027	47.054	ng	99
26) 2-Nitrophenol	7.763	139	153632	49.217	ng	99
27) 2,4-Dimethylphenol	7.804	122	220304m	57.651	ng	
28) bis(2-Chloroethoxy)met...	7.898	93	345313	46.432	ng	100
29) 2,4-Dichlorophenol	8.010	162	237672	47.683	ng	98
30) 1,2,4-Trichlorobenzene	8.086	180	253254	44.928	ng	100
31) Naphthalene	8.169	128	847269	46.676	ng	100
32) Benzoic acid	7.934	122	170532	44.879	ng	100
33) 4-Chloroaniline	8.216	127	225508	36.702	ng	100
34) Hexachlorobutadiene	8.281	225	164497	45.095	ng	99
35) Caprolactam	8.592	113	78369m	47.937	ng	
36) 4-Chloro-3-methylphenol	8.704	107	267570	47.422	ng	99
37) 2-Methylnaphthalene	8.863	142	547317	46.295	ng	99
38) 1-Methylnaphthalene	8.957	142	508147	43.973	ng	99
40) 1,2,4,5-Tetrachloroben...	9.028	216	254692	46.761	ng	99
41) Hexachlorocyclopentadiene	9.010	237	289004	173.045	ng	98
43) 2,4,6-Trichlorophenol	9.139	196	177064	48.223	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.181	196	182426	46.070	ng	98
46) 1,1'-Biphenyl	9.328	154	677435	46.435	ng	99
47) 2-Chloronaphthalene	9.351	162	513142	46.919	ng	98
48) 2-Nitroaniline	9.445	65	195912	49.901	ng	98
49) Acenaphthylene	9.769	152	839921	50.499	ng	100
50) Dimethylphthalate	9.628	163	627630	48.881	ng	99
51) 2,6-Dinitrotoluene	9.692	165	135833	46.831	ng	94
52) Acenaphthene	9.939	154	596786m	52.266	ng	
53) 3-Nitroaniline	9.857	138	115506	38.969	ng	99
54) 2,4-Dinitrophenol	9.969	184	150207	96.282	ng	99
55) Dibenzofuran	10.110	168	765149	47.861	ng	99
56) 4-Nitrophenol	10.028	139	218261	96.561	ng	97
57) 2,4-Dinitrotoluene	10.092	165	184467	48.656	ng	98
58) Fluorene	10.451	166	602449	47.313	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.228	232	160664	50.236	ng	99
60) Diethylphthalate	10.328	149	632997	47.729	ng	100
61) 4-Chlorophenyl-phenyle...	10.445	204	292181	45.866	ng	98
62) 4-Nitroaniline	10.475	138	145193	47.889	ng	98
63) Azobenzene	10.604	77	633031	47.463	ng	100
65) 4,6-Dinitro-2-methylph...	10.504	198	100557	48.383	ng	96
66) n-Nitrosodiphenylamine	10.563	169	531590	49.008	ng	99
67) 4-Bromophenyl-phenylether	10.933	248	177201	46.965	ng	99
68) Hexachlorobenzene	10.998	284	197543	47.183	ng	99
69) Atrazine	11.092	200	177009	60.822	ng	100
70) Pentachlorophenol	11.198	266	217355	87.187	ng	98
71) Phenanthrene	11.416	178	849333	48.950	ng	100
72) Anthracene	11.469	178	858179	49.995	ng	100
73) Carbazole	11.622	167	787852	47.787	ng	100
74) Di-n-butylphthalate	11.945	149	964628	48.115	ng	100
75) Fluoranthene	12.604	202	862506	45.473	ng	99
77) Benzidine	12.727	184	434924	126.134	ng	100
78) Pyrene	12.833	202	866218	49.543	ng	100
80) Butylbenzylphthalate	13.445	149	340151	54.390	ng	99
81) Benzo(a)anthracene	14.015	228	653162	50.820	ng	99
82) 3,3'-Dichlorobenzidine	13.980	252	170199	43.270	ng	98
83) Chrysene	14.057	228	562118	47.838	ng	99
84) Bis(2-ethylhexyl)phtha...	14.004	149	446904	57.228	ng	100
85) Di-n-octyl phthalate	14.615	149	675474	58.877	ng	100
87) Indeno(1,2,3-cd)pyrene	16.974	276	661995	55.651	ng	100
88) Benzo(b)fluoranthene	15.068	252	560498	42.892	ng	99
89) Benzo(k)fluoranthene	15.098	252	575745	51.939	ng	100
90) Benzo(a)pyrene	15.433	252	544126	52.808	ng	99
91) Dibenzo(a,h)anthracene	16.992	278	540374	54.770	ng	99
92) Benzo(g,h,i)perylene	17.415	276	494577	49.983	ng	100

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

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