Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100924\
Data File : BF139714.D
Acq On : 09 Oct 2024 11:11
Operator : RC/JU
Sample : PB163970BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB163970BS

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 10/10/2024
Supervised By :mohammad ahmed 10/10/2024

Quant Time: Oct 09 12:47:53 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

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	98382	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	380731	20.000	ng	0.00
39) Acenaphthene-d10	9.904	164	220033	20.000	ng	0.00
64) Phenanthrene-d10	11.392	188	414520	20.000	ng	0.00
76) Chrysene-d12	14.033	240	218763	20.000	ng	0.00
86) Perylene-d12	15.504	264	184986	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	767007	135.127	ng	0.01
7) Phenol-d6	6.504	99	1022037	133.893	ng	0.00
23) Nitrobenzene-d5	7.434	82	674277	89.667	ng	0.00
42) 2,4,6-Tribromophenol	10.698	330	279158	131.427	ng	0.00
45) 2-Fluorobiphenyl	9.228	172	1251931	87.348	ng	0.00
79) Terphenyl-d14	12.974	244	1343922	100.801	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.734	88	97881	39.886	ng	98
3) Pyridine	3.481	79	264927	44.388	ng	96
4) n-Nitrosodimethylamine	3.440	42	176194	45.100	ng	94
6) Aniline	6.534	93	349915	51.659	ng	97
8) 2-Chlorophenol	6.657	128	300585	49.427	ng	97
9) Benzaldehyde	6.416	77	98378	24.330	ng	100
10) Phenol	6.522	94	383030	47.721	ng	84
11) bis(2-Chloroethyl)ether	6.604	93	296756	45.409	ng	99
12) 1,3-Dichlorobenzene	6.810	146	308812	45.139	ng	98
13) 1,4-Dichlorobenzene	6.887	146	313951	45.310	ng	99
14) 1,2-Dichlorobenzene	7.034	146	300962	46.345	ng	100
15) Benzyl Alcohol	7.010	79	283302	48.575	ng	98
16) 2,2'-oxybis(1-Chloropr...	7.139	45	537901	47.545	ng	88
17) 2-Methylphenol	7.128	107	244822	48.223	ng	96
18) Hexachloroethane	7.375	117	116374	45.029	ng	98
19) n-Nitroso-di-n-propyla...	7.281	70	224657	45.778	ng	99
20) 3+4-Methylphenols	7.281	107	307204	48.175	ng	95
22) Acetophenone	7.275	105	412011	45.590	ng	98
24) Nitrobenzene	7.451	77	346641	44.517	ng	99
25) Isophorone	7.692	82	628126	47.029	ng	99
26) 2-Nitrophenol	7.769	139	161758	48.322	ng	99
27) 2,4-Dimethylphenol	7.804	122	239240m	58.380	ng	
28) bis(2-Chloroethoxy)met...	7.898	93	370219	46.420	ng	99
29) 2,4-Dichlorophenol	8.010	162	256848	48.052	ng	99
30) 1,2,4-Trichlorobenzene	8.092	180	263796	43.639	ng	99
31) Naphthalene	8.169	128	891825	45.814	ng	99
32) Benzoic acid	7.939	122	192075	47.136	ng	99
33) 4-Chloroaniline	8.222	127	184899	28.061	ng	98
34) Hexachlorobutadiene	8.286	225	172334	44.054	ng	99
35) Caprolactam	8.598	113	85740m	48.905	ng	
36) 4-Chloro-3-methylphenol	8.710	107	287273	47.477	ng	99
37) 2-Methylnaphthalene	8.863	142	585948	46.217	ng	100
38) 1-Methylnaphthalene	8.963	142	545378	44.008	ng	100
40) 1,2,4,5-Tetrachloroben...	9.028	216	274262	44.887	ng	98
41) Hexachlorocyclopentadiene	9.016	237	316400	168.883	ng	99
43) 2,4,6-Trichlorophenol	9.145	196	189104	45.911	ng	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.186	196	200800	45.206	ng	98
46) 1,1'-Biphenyl	9.328	154	736234	44.987	ng	100
47) 2-Chloronaphthalene	9.351	162	551382	44.942	ng	99
48) 2-Nitroaniline	9.451	65	208712	47.390	ng	98
49) Acenaphthylene	9.769	152	904831	48.496	ng	100
50) Dimethylphthalate	9.628	163	677845	47.061	ng	99
51) 2,6-Dinitrotoluene	9.692	165	147827	45.433	ng	97
52) Acenaphthene	9.939	154	648869m	50.659	ng	
53) 3-Nitroaniline	9.863	138	116651	35.083	ng	97
54) 2,4-Dinitrophenol	9.975	184	176402	100.798	ng	97
55) Dibenzofuran	10.110	168	826245	46.072	ng	100
56) 4-Nitrophenol	10.033	139	236329	93.204	ng	95
57) 2,4-Dinitrotoluene	10.098	165	199276	46.856	ng	99
58) Fluorene	10.457	166	655659	45.902	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.233	232	173860	48.461	ng	99
60) Diethylphthalate	10.328	149	692549	46.551	ng	100
61) 4-Chlorophenyl-phenyle...	10.445	204	325515	45.551	ng	97
62) 4-Nitroaniline	10.480	138	158379	46.567	ng	98
63) Azobenzene	10.604	77	694809	46.440	ng	99
65) 4,6-Dinitro-2-methylph...	10.510	198	112814	48.188	ng	96
66) n-Nitrosodiphenylamine	10.569	169	579321	47.413	ng	99
67) 4-Bromophenyl-phenylether	10.933	248	195736	46.054	ng	99
68) Hexachlorobenzene	11.004	284	214954	45.579	ng	98
69) Atrazine	11.092	200	188674	57.553	ng	98
70) Pentachlorophenol	11.198	266	240211	85.539	ng	98
71) Phenanthrene	11.422	178	927971	47.479	ng	100
72) Anthracene	11.469	178	950725	49.169	ng	100
73) Carbazole	11.627	167	864219	46.536	ng	100
74) Di-n-butylphthalate	11.951	149	1060440	46.957	ng	100
75) Fluoranthene	12.604	202	982683	45.994	ng	99
77) Benzidine	12.727	184	318804	82.619	ng	100
78) Pyrene	12.833	202	989938	50.595	ng	99
80) Butylbenzylphthalate	13.451	149	360232	51.472	ng	98
81) Benzo(a)anthracene	14.021	228	693206	48.197	ng	100
82) 3,3'-Dichlorobenzidine	13.986	252	165405	37.577	ng	98
83) Chrysene	14.063	228	651226	49.525	ng	99
84) Bis(2-ethylhexyl)phtha...	14.004	149	446457	51.087	ng	99
85) Di-n-octyl phthalate	14.615	149	631458	49.184	ng	98
87) Indeno(1,2,3-cd)pyrene	16.986	276	588300	54.033	ng	99
88) Benzo(b)fluoranthene	15.074	252	521145	43.571	ng	100
89) Benzo(k)fluoranthene	15.104	252	513275	50.589	ng	100
90) Benzo(a)pyrene	15.439	252	486662	51.602	ng	99
91) Dibenzo(a,h)anthracene	16.998	278	485358	53.746	ng	99
92) Benzo(g,h,i)perylene	17.433	276	453223	50.043	ng	99

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

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