Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF070924\
Data File : BF138488.D
Acq On : 09 Jul 2024 15:32
Operator : CG\JU
Sample : SSTDICC060
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC060

Quant Time: Jul 09 16:47:15 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF070924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 09 16:32:47 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.869	152	97754	20.000	ng		0.00
21) Naphthalene-d8	8.151	136	378725	20.000	ng		0.00
39) Acenaphthene-d10	9.904	164	212055	20.000	ng		0.00
64) Phenanthrene-d10	11.386	188	365774	20.000	ng		0.00
76) Chrysene-d12	14.027	240	163881	20.000	ng		0.00
86) Perylene-d12	15.486	264	180248	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.493	112	701564	113.663	ng		0.00
7) Phenol-d6	6.510	99	931282	113.419	ng		0.00
23) Nitrobenzene-d5	7.440	82	906430	117.509	ng		0.00
42) 2,4,6-Tribromophenol	10.698	330	227841	114.963	ng		0.00
45) 2-Fluorobiphenyl	9.228	172	1490809	109.877	ng		0.00
79) Terphenyl-d14	12.975	244	1212025	120.486	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.634	88	161657	59.136	ng		100
3) Pyridine	3.393	79	399687	59.288	ng		99
4) n-Nitrosodimethylamine	3.363	42	267135	60.871	ng		98
6) Aniline	6.534	93	438974	57.078	ng	#	83
8) 2-Chlorophenol	6.663	128	372237	57.034	ng		98
9) Benzaldehyde	6.422	77	222609	50.651	ng		97
10) Phenol	6.528	94	492937	56.559	ng		95
11) bis(2-Chloroethyl)ether	6.610	93	387034	58.982	ng		99
12) 1,3-Dichlorobenzene	6.810	146	417836	56.956	ng		97
13) 1,4-Dichlorobenzene	6.887	146	421871	56.629	ng		97
14) 1,2-Dichlorobenzene	7.040	146	389240	56.099	ng		97
15) Benzyl Alcohol	7.016	79	357061	57.944	ng		100
16) 2,2'-oxybis(1-Chloropr...	7.145	45	737399	57.144	ng		98
17) 2-Methylphenol	7.128	107	311023	58.147	ng		97
18) Hexachloroethane	7.381	117	158058	57.713	ng		98
19) n-Nitroso-di-n-propyla...	7.293	70	284646	56.104	ng		95
20) 3+4-Methylphenols	7.281	107	374851	55.652	ng		89
22) Acetophenone	7.287	105	524722	57.046	ng		99
24) Nitrobenzene	7.457	77	458354	58.472	ng		96
25) Isophorone	7.692	82	781768	59.016	ng		99
26) 2-Nitrophenol	7.769	139	208557	62.076	ng		95
27) 2,4-Dimethylphenol	7.804	122	245047	59.344	ng		100
28) bis(2-Chloroethoxy)met...	7.904	93	460383	58.153	ng		100
29) 2,4-Dichlorophenol	8.016	162	315738	58.882	ng		96
30) 1,2,4-Trichlorobenzene	8.092	180	357960	57.304	ng		98
31) Naphthalene	8.175	128	1121083	56.917	ng		99
32) Benzoic acid	7.951	122	263780	67.304	ng		98
33) 4-Chloroaniline	8.228	127	413346	59.810	ng		98
34) Hexachlorobutadiene	8.287	225	220913	57.430	ng		98
35) Caprolactam	8.616	113	103786	59.950	ng		94
36) 4-Chloro-3-methylphenol	8.710	107	349848	58.277	ng		98
37) 2-Methylnaphthalene	8.863	142	721435	56.916	ng		99
38) 1-Methylnaphthalene	8.963	142	700337	56.613	ng		99
40) 1,2,4,5-Tetrachloroben...	9.028	216	339026	57.364	ng		100
41) Hexachlorocyclopentadiene	9.010	237	124426	64.862	ng		99
43) 2,4,6-Trichlorophenol	9.145	196	223022	59.158	ng		99

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44) 2,4,5-Trichlorophenol	9.187	196	241979	58.358	ng		95
46) 1,1'-Biphenyl	9.328	154	909988	56.625	ng		99
47) 2-Chloronaphthalene	9.357	162	694677	57.220	ng		98
48) 2-Nitroaniline	9.451	65	252235	59.955	ng		93
49) Acenaphthylene	9.769	152	979302	56.815	ng		100
50) Dimethylphthalate	9.634	163	789687	57.591	ng		100
51) 2,6-Dinitrotoluene	9.692	165	188184	59.606	ng	#	83
52) Acenaphthene	9.939	154	647335	56.498	ng		98
53) 3-Nitroaniline	9.863	138	191871	59.296	ng		88
54) 2,4-Dinitrophenol	9.969	184	100985	60.790	ng		96
55) Dibenzofuran	10.110	168	931278	56.037	ng		99
56) 4-Nitrophenol	10.028	139	148079	62.020	ng		98
57) 2,4-Dinitrotoluene	10.098	165	244587	59.876	ng		98
58) Fluorene	10.457	166	730314	55.538	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.228	232	194212	59.348	ng		99
60) Diethylphthalate	10.328	149	757516	57.306	ng		99
61) 4-Chlorophenyl-phenyle...	10.445	204	364361	55.181	ng		97
62) 4-Nitroaniline	10.481	138	195410	60.264	ng		97
63) Azobenzene	10.604	77	811488	57.099	ng		98
65) 4,6-Dinitro-2-methylph...	10.510	198	141131	66.823	ng		97
66) n-Nitrosodiphenylamine	10.569	169	624543	56.990	ng		97
67) 4-Bromophenyl-phenylether	10.933	248	216999	57.721	ng		97
68) Hexachlorobenzene	10.998	284	238140	57.019	ng		98
69) Atrazine	11.092	200	205357	56.520	ng		98
70) Pentachlorophenol	11.192	266	157737	63.826	ng		96
71) Phenanthrene	11.416	178	1038682	56.208	ng		99
72) Anthracene	11.469	178	1023399	55.791	ng		99
73) Carbazole	11.622	167	927164	56.243	ng		99
74) Di-n-butylphthalate	11.945	149	1087670	57.241	ng		99
75) Fluoranthene	12.604	202	1032505	54.757	ng		100
77) Benzidine	12.722	184	206318	49.899	ng		99
78) Pyrene	12.833	202	1033064	62.098	ng		99
80) Butylbenzylphthalate	13.445	149	315735	63.091	ng		98
81) Benzo(a)anthracene	14.016	228	638802	58.092	ng		100
82) 3,3'-Dichlorobenzidine	13.974	252	163958	57.864	ng	#	96
83) Chrysene	14.051	228	605378	58.194	ng		100
84) Bis(2-ethylhexyl)phtha...	13.998	149	341723	64.025	ng		100
85) Di-n-octyl phthalate	14.610	149	551716	65.434	ng		100
87) Indeno(1,2,3-cd)pyrene	16.968	276	758224	62.625	ng		100
88) Benzo(b)fluoranthene	15.063	252	551925	54.371	ng		99
89) Benzo(k)fluoranthene	15.092	252	541626	54.709	ng		99
90) Benzo(a)pyrene	15.427	252	514712	57.721	ng		99
91) Dibenzo(a,h)anthracene	16.986	278	611983	61.792	ng		99
92) Benzo(g,h,i)perylene	17.421	276	655813	62.447	ng		97

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

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