Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062824\
Data File : BF138387.D
Acq On : 28 Jun 2024 14:29
Operator : CG\JU
Sample : SSTDICC020
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDICC020

Quant Time: Jun 29 02:35:01 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF062824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Jun 29 02:31:37 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.875	152	160971	20.000	ng		0.00
21) Naphthalene-d8	8.157	136	653321	20.000	ng		0.00
39) Acenaphthene-d10	9.910	164	357016	20.000	ng		0.00
64) Phenanthrene-d10	11.392	188	592141	20.000	ng		0.00
76) Chrysene-d12	14.027	240	240625	20.000	ng		0.00
86) Perylene-d12	15.492	264	286203	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.498	112	424669	43.740	ng		0.00
7) Phenol-d6	6.504	99	558834	42.728	ng		-0.01
23) Nitrobenzene-d5	7.439	82	529224	42.080	ng		0.00
42) 2,4,6-Tribromophenol	10.698	330	128945	44.207	ng		0.00
45) 2-Fluorobiphenyl	9.233	172	1007608	44.916	ng		0.00
79) Terphenyl-d14	12.974	244	808636	46.054	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.657	88	97637	21.350	ng		98
3) Pyridine	3.410	79	224156	20.546	ng		98
4) n-Nitrosodimethylamine	3.363	42	142503	20.936	ng		98
6) Aniline	6.534	93	272195	21.326	ng		98
8) 2-Chlorophenol	6.663	128	226362	21.718	ng		92
9) Benzaldehyde	6.428	77	181543	22.489	ng		97
10) Phenol	6.522	94	300601	21.573	ng		91
11) bis(2-Chloroethyl)ether	6.610	93	234425	21.421	ng		99
12) 1,3-Dichlorobenzene	6.816	146	255449	21.401	ng		96
13) 1,4-Dichlorobenzene	6.892	146	258132	21.568	ng		98
14) 1,2-Dichlorobenzene	7.045	146	245978	22.263	ng		97
15) Benzyl Alcohol	7.016	79	203722	21.747	ng		99
16) 2,2'-oxybis(1-Chloropr...	7.151	45	479336	21.715	ng		98
17) 2-Methylphenol	7.128	107	182611	21.140	ng		98
18) Hexachloroethane	7.387	117	91441	21.182	ng		91
19) n-Nitroso-di-n-propyla...	7.281	70	172762	20.953	ng		98
20) 3+4-Methylphenols	7.281	107	227895	22.706	ng		91
22) Acetophenone	7.281	105	316259	21.338	ng	#	95
24) Nitrobenzene	7.457	77	270479	21.145	ng		96
25) Isophorone	7.692	82	482823	20.820	ng		99
26) 2-Nitrophenol	7.769	139	116529	21.120	ng		98
27) 2,4-Dimethylphenol	7.810	122	149288	21.141	ng		98
28) bis(2-Chloroethoxy)met...	7.904	93	295867	21.196	ng		99
29) 2,4-Dichlorophenol	8.016	162	194457	21.441	ng		98
30) 1,2,4-Trichlorobenzene	8.098	180	225563	21.390	ng		99
31) Naphthalene	8.181	128	715209	21.655	ng		99
32) Benzoic acid	7.910	122	110490	19.837	ng		98
33) 4-Chloroaniline	8.222	127	246620	21.381	ng		98
34) Hexachlorobutadiene	8.292	225	135375	21.382	ng		100
35) Caprolactam	8.586	113	60470	21.114	ng		98
36) 4-Chloro-3-methylphenol	8.710	107	208065	21.537	ng		96
37) 2-Methylnaphthalene	8.869	142	467484	21.901	ng		99
38) 1-Methylnaphthalene	8.969	142	446762	21.582	ng		98
40) 1,2,4,5-Tetrachloroben...	9.033	216	213317	21.601	ng		99
41) Hexachlorocyclopentadiene	9.016	237	57366	19.735	ng		99
43) 2,4,6-Trichlorophenol	9.145	196	136510	21.725	ng		97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.192	196	146210	21.395	ng	95
46) 1,1'-Biphenyl	9.333	154	586259	21.993	ng	98
47) 2-Chloronaphthalene	9.357	162	442608	21.777	ng	100
48) 2-Nitroaniline	9.451	65	140060	21.363	ng	96
49) Acenaphthylene	9.775	152	627871	21.966	ng	99
50) Dimethylphthalate	9.628	163	498319	21.718	ng	99
51) 2,6-Dinitrotoluene	9.692	165	112704	21.932	ng	97
52) Acenaphthene	9.945	154	425652	21.747	ng	98
53) 3-Nitroaniline	9.863	138	109886	21.651	ng	94
54) 2,4-Dinitrophenol	9.963	184	26263	19.665	ng	94
55) Dibenzofuran	10.116	168	599247	22.221	ng	99
56) 4-Nitrophenol	10.028	139	66942	20.343	ng	94
57) 2,4-Dinitrotoluene	10.092	165	140575	22.217	ng	97
58) Fluorene	10.457	166	458523	21.398	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.233	232	112329	22.130	ng	97
60) Diethylphthalate	10.328	149	470506	21.933	ng	99
61) 4-Chlorophenyl-phenyle...	10.451	204	236774	21.778	ng	96
62) 4-Nitroaniline	10.475	138	102396	21.981	ng	96
63) Azobenzene	10.610	77	490310	21.642	ng	96
65) 4,6-Dinitro-2-methylph...	10.498	198	49430	19.506	ng	79
66) n-Nitrosodiphenylamine	10.569	169	391578	21.301	ng	99
67) 4-Bromophenyl-phenylether	10.939	248	135336	21.263	ng	93
68) Hexachlorobenzene	11.004	284	148049	21.104	ng	92
69) Atrazine	11.092	200	113251	21.973	ng	100
70) Pentachlorophenol	11.198	266	70421	19.827	ng	98
71) Phenanthrene	11.416	178	629375	21.769	ng	99
72) Anthracene	11.469	178	626060	21.714	ng	99
73) Carbazole	11.627	167	530283	22.154	ng	98
74) Di-n-butylphthalate	11.951	149	664762	21.914	ng	99
75) Fluoranthene	12.604	202	577052	22.264	ng	98
77) Benzidine	12.727	184	46440	24.136	ng	96
78) Pyrene	12.833	202	565371	21.984	ng	99
80) Butylbenzylphthalate	13.451	149	176127	22.506	ng	94
81) Benzo(a)anthracene	14.015	228	324195	20.932	ng	98
82) 3,3'-Dichlorobenzidine	13.980	252	96245	21.048	ng	100
83) Chrysene	14.051	228	318526	21.136	ng	98
84) Bis(2-ethylhexyl)phtha...	14.004	149	212351	21.637	ng	100
85) Di-n-octyl phthalate	14.615	149	355414	20.690	ng	100
87) Indeno(1,2,3-cd)pyrene	16.956	276	295819	20.571	ng	99
88) Benzo(b)fluoranthene	15.062	252	346652	22.076	ng	99
89) Benzo(k)fluoranthene	15.092	252	295874	20.457	ng	99
90) Benzo(a)pyrene	15.433	252	288128	20.934	ng	98
91) Dibenzo(a,h)anthracene	16.980	278	240056	20.680	ng	99
92) Benzo(g,h,i)perylene	17.404	276	227501	20.034	ng	98

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

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