Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101124\
Data File : BF139772.D
Acq On : 11 Oct 2024 13:51
Operator : RC/JU
Sample : P4364-11MS
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-04-2.0-2.5MS

Quant Time: Oct 11 14:16:45 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	83105	20.000	ng		0.00
21) Naphthalene-d8	8.151	136	285627	20.000	ng		0.00
39) Acenaphthene-d10	9.904	164	126386	20.000	ng		0.00
64) Phenanthrene-d10	11.392	188	200180	20.000	ng		0.00
76) Chrysene-d12	14.033	240	168877	20.000	ng		0.00
86) Perylene-d12	15.510	264	133308	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.504	112	551517	115.025	ng		0.02
7) Phenol-d6	6.516	99	686576	106.480	ng		0.01
23) Nitrobenzene-d5	7.434	82	440533	78.089	ng		0.00
42) 2,4,6-Tribromophenol	10.698	330	114650	93.971	ng		0.00
45) 2-Fluorobiphenyl	9.222	172	675450	82.045	ng		0.00
79) Terphenyl-d14	12.975	244	549648	53.405	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.699	88	97933	47.243	ng		97
3) Pyridine	3.610	79	227404	45.106	ng		95
4) n-Nitrosodimethylamine	3.410	42	156199	47.332	ng		94
8) 2-Chlorophenol	6.663	128	247210	48.123	ng		97
9) Benzaldehyde	6.416	77	75225	22.024	ng		100
10) Phenol	6.528	94	315302	46.505	ng		92
11) bis(2-Chloroethyl)ether	6.604	93	268678	48.670	ng		98
12) 1,3-Dichlorobenzene	6.810	146	268058	46.385	ng		98
13) 1,4-Dichlorobenzene	6.887	146	269011	45.961	ng		99
14) 1,2-Dichlorobenzene	7.040	146	253621	46.235	ng		98
15) Benzyl Alcohol	7.016	79	221233	44.906	ng		97
16) 2,2'-oxybis(1-Chloropr...	7.140	45	431036	45.103	ng		54
17) 2-Methylphenol	7.134	107	186767	43.550	ng	#	93
18) Hexachloroethane	7.381	117	95480	43.735	ng		98
19) n-Nitroso-di-n-propyla...	7.281	70	188099	45.375	ng		98
20) 3+4-Methylphenols	7.287	107	251341	46.660	ng	#	78
22) Acetophenone	7.275	105	340032	50.153	ng	#	89
24) Nitrobenzene	7.451	77	270261	46.264	ng		100
25) Isophorone	7.693	82	473944	47.301	ng		100
26) 2-Nitrophenol	7.769	139	119494	47.582	ng		95
27) 2,4-Dimethylphenol	7.810	122	175265	57.009	ng		96
28) bis(2-Chloroethoxy)met...	7.898	93	289866	48.446	ng		99
29) 2,4-Dichlorophenol	8.022	162	186325	46.465	ng		98
30) 1,2,4-Trichlorobenzene	8.093	180	203908	44.964	ng		99
31) Naphthalene	8.175	128	795214	54.453	ng		100
32) Benzoic acid	7.928	122	111013	36.314	ng		95
33) 4-Chloroaniline	8.257	127	94524	19.122	ng		98
34) Hexachlorobutadiene	8.287	225	135914	46.312	ng		99
35) Caprolactam	8.587	113	52662	40.039	ng		92
36) 4-Chloro-3-methylphenol	8.716	107	178389	39.298	ng		98
37) 2-Methylnaphthalene	8.863	142	412670	43.387	ng		100
38) 1-Methylnaphthalene	8.963	142	380862	40.966	ng		98
40) 1,2,4,5-Tetrachloroben...	9.028	216	186137	53.037	ng		99
41) Hexachlorocyclopentadiene	9.010	237	28877	26.834	ng		98
43) 2,4,6-Trichlorophenol	9.145	196	114622	48.448	ng		99
44) 2,4,5-Trichlorophenol	9.192	196	115519	45.276	ng		98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
46) 1,1'-Biphenyl	9.328	154	488422	51.959	ng	99
47) 2-Chloronaphthalene	9.351	162	348634	49.472	ng	98
48) 2-Nitroaniline	9.451	65	117713	46.533	ng	97
49) Acenaphthylene	9.769	152	538291	50.228	ng	100
50) Dimethylphthalate	9.622	163	420785	50.860	ng	100
51) 2,6-Dinitrotoluene	9.692	165	82589	44.191	ng	90
52) Acenaphthene	9.939	154	335123	45.550	ng	99
53) 3-Nitroaniline	9.863	138	47231	24.730	ng	93
54) 2,4-Dinitrophenol	9.969	184	22890	22.771	ng	98
55) Dibenzofuran	10.110	168	476458	46.253	ng	99
56) 4-Nitrophenol	10.028	139	114361	78.521	ng	93
57) 2,4-Dinitrotoluene	10.092	165	100457	41.122	ng	99
58) Fluorene	10.451	166	365907	44.598	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.234	232	87380	42.402	ng	95
60) Diethylphthalate	10.322	149	398882	46.678	ng	100
61) 4-Chlorophenyl-phenyle...	10.445	204	179568	43.747	ng	96
62) 4-Nitroaniline	10.469	138	58364	29.876	ng	96
63) Azobenzene	10.604	77	424537	49.400	ng	94
65) 4,6-Dinitro-2-methylph...	10.504	198	17641	15.604	ng	97
66) n-Nitrosodiphenylamine	10.563	169	302062	51.192	ng	99
67) 4-Bromophenyl-phenylether	10.934	248	99897	48.672	ng	99
68) Hexachlorobenzene	10.998	284	104795	46.013	ng	98
69) Atrazine	11.086	200	87865	55.500	ng	99
70) Pentachlorophenol	11.198	266	117870	86.916	ng	99
71) Phenanthrene	11.416	178	546914	57.944	ng	100
72) Anthracene	11.469	178	488760	52.343	ng	100
73) Carbazole	11.622	167	448764	50.038	ng	100
74) Di-n-butylphthalate	11.951	149	1149673	105.418	ng	100
75) Fluoranthene	12.604	202	687223	66.605	ng	100
77) Benzidine	12.733	184	52505	17.626	ng	98
78) Pyrene	12.839	202	706938	46.804	ng	99
80) Butylbenzylphthalate	13.451	149	243170	45.010	ng	96
81) Benzo(a)anthracene	14.027	228	620596	55.894	ng	100
82) 3,3'-Dichlorobenzidine	13.986	252	118378	34.837	ng	98
83) Chrysene	14.063	228	547338	53.920	ng	100
84) Bis(2-ethylhexyl)phtha...	14.010	149	648538	96.133	ng	100
85) Di-n-octyl phthalate	14.621	149	654737	66.061	ng	99
87) Indeno(1,2,3-cd)pyrene	16.992	276	353011	44.991	ng	99
88) Benzo(b)fluoranthene	15.080	252	482956	56.031	ng	99
89) Benzo(k)fluoranthene	15.110	252	431374	58.998	ng	100
90) Benzo(a)pyrene	15.451	252	404820	59.564	ng	99
91) Dibenzo(a,h)anthracene	17.004	278	276100	42.426	ng	99
92) Benzo(g,h,i)perylene	17.439	276	270531	41.450	ng	99

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

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