Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111324\
Data File : BF140349.D
Acq On : 13 Nov 2024 18:39
Operator : RC/JU
Sample : SP
Misc : 8270-625.1 SPIKE SOLUTION
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SP6681

Quant Time: Nov 14 03:18:27 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF111324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Nov 13 14:40:06 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	133243	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	521086	20.000	ng	0.00
39) Acenaphthene-d10	9.916	164	299035	20.000	ng	0.00
64) Phenanthrene-d10	11.404	188	564972	20.000	ng	0.00
76) Chrysene-d12	14.057	240	350730	20.000	ng	0.00
86) Perylene-d12	15.562	264	307539	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	0.000	112	0	0.000	ng	
7) Phenol-d6	0.000	99	0d	0.000	ng	
23) Nitrobenzene-d5	0.000	82	0d	0.000	ng	
42) 2,4,6-Tribromophenol	0.000	330	0	0.000	ng	
45) 2-Fluorobiphenyl	0.000	172	0d	0.000	ng	
79) Terphenyl-d14	0.000	244	0d	0.000	ng	
Target Compounds						Qvalue
2) 1,4-Dioxane	2.746	88	188129	54.088	ng	98
3) Pyridine	3.493	79	453275	53.010	ng	99
4) n-Nitrosodimethylamine	3.463	42	227240	52.582	ng	99
6) Aniline	6.540	93	473301	51.459	ng	97
8) 2-Chlorophenol	6.657	128	451914	53.909	ng	99
9) Benzaldehyde	6.428	77	379133	59.830	ng	99
10) Phenol	6.510	94	609710	54.682	ng	96
11) bis(2-Chloroethyl)ether	6.610	93	427374	50.586	ng	98
12) 1,3-Dichlorobenzene	6.816	146	462405	49.994	ng	99
13) 1,4-Dichlorobenzene	6.892	146	467700	49.869	ng	99
14) 1,2-Dichlorobenzene	7.045	146	451985	51.914	ng	99
15) Benzyl Alcohol	7.016	79	419177	55.028	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.145	45	621562	53.263	ng	98
17) 2-Methylphenol	7.128	107	368916	53.497	ng	98
18) Hexachloroethane	7.387	117	175052	50.489	ng	98
19) n-Nitroso-di-n-propyla...	7.281	70	320182	50.140	ng	98
20) 3+4-Methylphenols	7.275	107	448474	52.002	ng	97
22) Acetophenone	7.281	105	588945	48.595	ng	98
24) Nitrobenzene	7.451	77	505224	48.519	ng	98
25) Isophorone	7.692	82	908883	51.277	ng	100
26) 2-Nitrophenol	7.775	139	241519	52.268	ng	98
27) 2,4-Dimethylphenol	7.804	122	374329	63.276	ng	100
28) bis(2-Chloroethoxy)met...	7.904	93	549684	50.576	ng	100
29) 2,4-Dichlorophenol	8.016	162	380730	52.075	ng	98
30) 1,2,4-Trichlorobenzene	8.098	180	388246	47.697	ng	99
31) Naphthalene	8.181	128	1312446	49.650	ng	100
32) Benzoic acid	7.934	122	250678	48.156	ng	97
33) 4-Chloroaniline	8.228	127	314085	34.166	ng	99
34) Hexachlorobutadiene	8.292	225	249525	48.113	ng	99
35) Caprolactam	8.598	113	125074m	51.471	ng	
36) 4-Chloro-3-methylphenol	8.710	107	421220	51.988	ng	99
37) 2-Methylnaphthalene	8.869	142	868739	51.254	ng	99
38) 1-Methylnaphthalene	8.969	142	802694	48.361	ng	99
40) 1,2,4,5-Tetrachloroben...	9.033	216	395232	47.795	ng	99
41) Hexachlorocyclopentadiene	9.022	237	436330	205.509	ng	100
43) 2,4,6-Trichlorophenol	9.145	196	288409	53.145	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.186	196	286437	48.276	ng	98
46) 1,1'-Biphenyl	9.333	154	1070905	49.226	ng	100
47) 2-Chloronaphthalene	9.357	162	801427	48.361	ng	99
48) 2-Nitroaniline	9.457	65	277650	50.519	ng	99
49) Acenaphthylene	9.775	152	1325101	52.849	ng	100
50) Dimethylphthalate	9.639	163	976126	50.080	ng	100
51) 2,6-Dinitrotoluene	9.698	165	215186	48.426	ng	98
52) Acenaphthene	9.951	154	944947	55.799	ng	100
53) 3-Nitroaniline	9.869	138	146311	31.353	ng	99
54) 2,4-Dinitrophenol	9.980	184	241682	105.471	ng	100
55) Dibenzofuran	10.122	168	1214343	50.653	ng	99
56) 4-Nitrophenol	10.033	139	354259	104.076	ng	98
57) 2,4-Dinitrotoluene	10.104	165	294460	50.351	ng	98
58) Fluorene	10.463	166	916619	48.399	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.239	232	253368	54.082	ng	99
60) Diethylphthalate	10.333	149	992884	49.816	ng	99
61) 4-Chlorophenyl-phenyle...	10.457	204	452980	48.447	ng	98
62) 4-Nitroaniline	10.486	138	229520	48.102	ng	99
63) Azobenzene	10.616	77	993733	50.461	ng	99
65) 4,6-Dinitro-2-methylph...	10.516	198	163435	53.767	ng	96
66) n-Nitrosodiphenylamine	10.575	169	817664	50.090	ng	100
67) 4-Bromophenyl-phenylether	10.945	248	279357	49.465	ng	99
68) Hexachlorobenzene	11.016	284	305745	48.117	ng	97
69) Atrazine	11.104	200	275905	55.865	ng	98
70) Pentachlorophenol	11.210	266	329092	96.146	ng	99
71) Phenanthrene	11.427	178	1327893	50.034	ng	99
72) Anthracene	11.480	178	1358055	52.211	ng	100
73) Carbazole	11.633	167	1270595	49.472	ng	100
74) Di-n-butylphthalate	11.963	149	1552102	50.352	ng	100
75) Fluoranthene	12.621	202	1450636	48.719	ng	100
77) Benzidine	12.739	184	986481	73.283	ng	99
78) Pyrene	12.851	202	1487575	49.585	ng	100
80) Butylbenzylphthalate	13.463	149	630929	54.746	ng	100
81) Benzo(a)anthracene	14.045	228	1140428	49.474	ng	99
82) 3,3'-Dichlorobenzidine	14.004	252	221175	30.188	ng	100
83) Chrysene	14.086	228	1080088	51.355	ng	100
84) Bis(2-ethylhexyl)phtha...	14.027	149	861471	56.002	ng	99
85) Di-n-octyl phthalate	14.668	149	1292834	59.674	ng	99
87) Indeno(1,2,3-cd)pyrene	17.068	276	989018	52.060	ng	100
88) Benzo(b)fluoranthene	15.127	252	935092	46.481	ng	99
89) Benzo(k)fluoranthene	15.157	252	875140	53.250	ng	99
90) Benzo(a)pyrene	15.498	252	841057	53.835	ng	99
91) Dibenzo(a,h)anthracene	17.086	278	808492	51.486	ng	99
92) Benzo(g,h,i)perylene	17.527	276	741766	46.205	ng	100

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

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