Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111424\
Data File : BF140374.D
Acq On : 14 Nov 2024 20:35
Operator : RC/JU
Sample : P4788-01MSD
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
BP-G3MSD

Quant Time: Nov 15 00:29:11 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	117020	20.000	ng		0.00
21) Naphthalene-d8	8.157	136	430461	20.000	ng		0.00
39) Acenaphthene-d10	9.910	164	210055	20.000	ng		0.00
64) Phenanthrene-d10	11.398	188	315364	20.000	ng		0.00
76) Chrysene-d12	14.045	240	215698	20.000	ng		0.00
86) Perylene-d12	15.539	264	157230	20.000	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.510	112	696099	101.565	ng		0.02
7) Phenol-d6	6.522	99	932013	100.370	ng		0.02
23) Nitrobenzene-d5	7.434	82	579259	70.113	ng		0.00
42) 2,4,6-Tribromophenol	10.704	330	183059	87.637	ng		0.00
45) 2-Fluorobiphenyl	9.228	172	1014066	77.606	ng		0.00
79) Terphenyl-d14	12.986	244	811282	65.287	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.710	88	149390	48.905	ng		99
3) Pyridine	3.469	79	377240	50.234	ng		99
4) n-Nitrosodimethylamine	3.422	42	197686	52.085	ng		97
6) Aniline	6.540	93	252024	31.200	ng	#	6
8) 2-Chlorophenol	6.669	128	388046	52.708	ng		96
9) Benzaldehyde	6.422	77	50548	9.083	ng		97
10) Phenol	6.534	94	487773	49.811	ng		83
11) bis(2-Chloroethyl)ether	6.610	93	380418	51.271	ng		100
12) 1,3-Dichlorobenzene	6.816	146	401938	49.481	ng		99
13) 1,4-Dichlorobenzene	6.892	146	404985	49.169	ng		99
14) 1,2-Dichlorobenzene	7.045	146	386738	50.578	ng		99
15) Benzyl Alcohol	7.022	79	348425	52.081	ng		98
16) 2,2'-oxybis(1-Chloropr...	7.145	45	496540	48.449	ng	#	46
17) 2-Methylphenol	7.139	107	296584	48.970	ng	#	89
18) Hexachloroethane	7.386	117	149337	49.044	ng		99
19) n-Nitroso-di-n-propyla...	7.287	70	278290	49.622	ng		99
20) 3+4-Methylphenols	7.292	107	386479	51.026	ng	#	85
22) Acetophenone	7.281	105	518570	51.797	ng		96
24) Nitrobenzene	7.457	77	424227	49.318	ng		100
25) Isophorone	7.698	82	753030	51.428	ng		100
26) 2-Nitrophenol	7.775	139	198229	51.931	ng		99
27) 2,4-Dimethylphenol	7.816	122	284214	58.158	ng		98
28) bis(2-Chloroethoxy)met...	7.904	93	448108	49.910	ng		99
29) 2,4-Dichlorophenol	8.022	162	309331	51.217	ng		97
30) 1,2,4-Trichlorobenzene	8.098	180	322847	48.013	ng		99
31) Naphthalene	8.181	128	1075050	49.232	ng		100
32) Benzoic acid	7.934	122	188385	43.809	ng		98
33) 4-Chloroaniline	8.228	127	106563	14.032	ng		99
34) Hexachlorobutadiene	8.292	225	213170	49.757	ng		99
35) Caprolactam	8.598	113	99957	49.795	ng		97
36) 4-Chloro-3-methylphenol	8.716	107	320762	47.924	ng		98
37) 2-Methylnaphthalene	8.869	142	683772	48.834	ng		99
38) 1-Methylnaphthalene	8.969	142	637485	46.493	ng		99
40) 1,2,4,5-Tetrachloroben...	9.033	216	321984	55.431	ng		98
41) Hexachlorocyclopentadiene	9.016	237	114167	76.550	ng		99
43) 2,4,6-Trichlorophenol	9.151	196	205150	53.816	ng		99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.198	196	208820	50.103	ng	97
46) 1,1'-Biphenyl	9.333	154	830498	54.347	ng	100
47) 2-Chloronaphthalene	9.357	162	613848	52.732	ng	99
48) 2-Nitroaniline	9.457	65	202396	52.426	ng	99
49) Acenaphthylene	9.775	152	958170	54.403	ng	100
50) Dimethylphthalate	9.633	163	747046	54.562	ng	99
51) 2,6-Dinitrotoluene	9.698	165	156251	50.059	ng	98
52) Acenaphthene	9.945	154	643338	54.081	ng	99
53) 3-Nitroaniline	9.869	138	118867	36.262	ng	100
54) 2,4-Dinitrophenol	9.975	184	101230	62.891	ng	99
55) Dibenzofuran	10.116	168	854197	50.724	ng	100
56) 4-Nitrophenol	10.039	139	196284	82.092	ng	98
57) 2,4-Dinitrotoluene	10.098	165	200795	48.879	ng	99
58) Fluorene	10.463	166	625988	47.055	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.239	232	160267	48.701	ng	97
60) Diethylphthalate	10.333	149	704028	50.287	ng	100
61) 4-Chlorophenyl-phenyle...	10.451	204	319768	48.687	ng	98
62) 4-Nitroaniline	10.480	138	128145	38.233	ng	99
63) Azobenzene	10.610	77	732545	52.956	ng	98
65) 4,6-Dinitro-2-methylph...	10.510	198	79313	46.745	ng	95
66) n-Nitrosodiphenylamine	10.569	169	536187	58.844	ng	100
67) 4-Bromophenyl-phenylether	10.939	248	173102	54.911	ng	97
68) Hexachlorobenzene	11.010	284	194028	54.703	ng	97
69) Atrazine	11.098	200	162067	58.789	ng	99
70) Pentachlorophenol	11.210	266	176381	92.317	ng	98
71) Phenanthrene	11.427	178	778556	52.554	ng	100
72) Anthracene	11.474	178	797734	54.944	ng	99
73) Carbazole	11.633	167	703673	49.084	ng	100
74) Di-n-butylphthalate	11.957	149	891643	51.820	ng	100
75) Fluoranthene	12.616	202	811006	48.796	ng	99
77) Benzidine	12.739	184	216260	26.123	ng	100
78) Pyrene	12.845	202	861991	46.720	ng	99
80) Butylbenzylphthalate	13.457	149	370911	52.332	ng	99
81) Benzo(a)anthracene	14.039	228	765222	53.979	ng	99
82) 3,3'-Dichlorobenzidine	13.998	252	151074	33.528	ng	99
83) Chrysene	14.074	228	677733	52.397	ng	99
84) Bis(2-ethylhexyl)phtha...	14.021	149	501206	52.979	ng	98
85) Di-n-octyl phthalate	14.645	149	745978	55.988	ng	100
87) Indeno(1,2,3-cd)pyrene	17.045	276	475477	48.955	ng	100
88) Benzo(b)fluoranthene	15.104	252	563703	54.807	ng	100
89) Benzo(k)fluoranthene	15.139	252	488878	58.184	ng	100
90) Benzo(a)pyrene	15.480	252	458372	57.389	ng	99
91) Dibenzo(a,h)anthracene	17.056	278	398765	49.670	ng	99
92) Benzo(g,h,i)perylene	17.498	276	365891	44.580	ng	99

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

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