Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121824\
Data File : BF140900.D
Acq On : 18 Dec 2024 12:45
Operator : RC/JU
Sample : PB165685BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB165685BS

Quant Time: Dec 18 13:06:32 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121624.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 16 16:59:50 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.851	152	62950	20.000	ng		0.00
21) Naphthalene-d8	8.128	136	255219	20.000	ng		0.00
39) Acenaphthene-d10	9.886	164	162588	20.000	ng		0.00
64) Phenanthrene-d10	11.380	188	312461	20.000	ng		0.00
76) Chrysene-d12	14.033	240	223983	20.000	ng		0.00
86) Perylene-d12	15.521	264	167396	20.000	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.498	112	569919	149.038	ng		0.01
7) Phenol-d6	6.504	99	738946	145.895	ng		0.00
23) Nitrobenzene-d5	7.416	82	484747	95.026	ng		0.00
42) 2,4,6-Tribromophenol	10.686	330	289555	150.578	ng		0.00
45) 2-Fluorobiphenyl	9.204	172	1134179	95.907	ng		0.00
79) Terphenyl-d14	12.963	244	1432582	100.856	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.710	88	71243	43.253	ng		98
3) Pyridine	3.487	79	205352	53.834	ng		98
4) n-Nitrosodimethylamine	3.434	42	109015	56.691	ng		94
6) Aniline	6.516	93	188875	43.614	ng	#	77
8) 2-Chlorophenol	6.645	128	222930	53.460	ng		100
9) Benzaldehyde	6.404	77	47497	16.924	ng		98
10) Phenol	6.516	94	276606	52.693	ng		97
11) bis(2-Chloroethyl)ether	6.587	93	204361	52.202	ng		99
12) 1,3-Dichlorobenzene	6.792	146	235209	49.500	ng		98
13) 1,4-Dichlorobenzene	6.869	146	238860	49.522	ng		99
14) 1,2-Dichlorobenzene	7.016	146	228228	50.151	ng		99
15) Benzyl Alcohol	7.004	79	202243	55.846	ng		98
16) 2,2'-oxybis(1-Chloropr...	7.122	45	246762	53.507	ng		86
17) 2-Methylphenol	7.122	107	173960	52.251	ng		98
18) Hexachloroethane	7.357	117	88578	49.330	ng		100
19) n-Nitroso-di-n-propyla...	7.263	70	159907	52.633	ng		99
20) 3+4-Methylphenols	7.275	107	232910	52.757	ng	#	82
22) Acetophenone	7.263	105	314964	49.333	ng		97
24) Nitrobenzene	7.439	77	242078	46.322	ng		98
25) Isophorone	7.675	82	434761	50.865	ng		100
26) 2-Nitrophenol	7.751	139	123765	51.420	ng		100
27) 2,4-Dimethylphenol	7.792	122	174282	62.002	ng		98
28) bis(2-Chloroethoxy)met...	7.875	93	271953	50.942	ng		99
29) 2,4-Dichlorophenol	8.004	162	200303	51.614	ng		100
30) 1,2,4-Trichlorobenzene	8.075	180	214861	48.297	ng		99
31) Naphthalene	8.151	128	705518	50.324	ng		100
32) Benzoic acid	7.951	122	114434	42.925	ng		97
33) 4-Chloroaniline	8.210	127	132891	28.540	ng		97
34) Hexachlorobutadiene	8.263	225	140372	46.898	ng		97
35) Caprolactam	8.592	113	65634m	56.810	ng		
36) 4-Chloro-3-methylphenol	8.704	107	238754	54.662	ng		98
37) 2-Methylnaphthalene	8.845	142	498162	53.717	ng		100
38) 1-Methylnaphthalene	8.945	142	466204	50.831	ng		99
40) 1,2,4,5-Tetrachloroben...	9.010	216	251947	50.416	ng		99
41) Hexachlorocyclopentadiene	8.992	237	87723	59.492	ng		98
43) 2,4,6-Trichlorophenol	9.133	196	152139	49.719	ng		98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.186	196	163439	48.594	ng	99
46) 1,1'-Biphenyl	9.310	154	670587	51.868	ng	100
47) 2-Chloronaphthalene	9.333	162	505171	51.075	ng	99
48) 2-Nitroaniline	9.439	65	166791	55.837	ng	98
49) Acenaphthylene	9.751	152	788892	54.275	ng	100
50) Dimethylphthalate	9.610	163	611756	53.369	ng	100
51) 2,6-Dinitrotoluene	9.680	165	136826	52.214	ng	96
52) Acenaphthene	9.922	154	481038	51.810	ng	100
53) 3-Nitroaniline	9.857	138	86727	33.349	ng	99
54) 2,4-Dinitrophenol	9.975	184	133782	102.617	ng	97
55) Dibenzofuran	10.092	168	749870	52.121	ng	99
56) 4-Nitrophenol	10.045	139	143179	101.113	ng	98
57) 2,4-Dinitrotoluene	10.092	165	179888	52.174	ng	98
58) Fluorene	10.439	166	574748	48.423	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.222	232	141765	51.727	ng	97
60) Diethylphthalate	10.310	149	586098	49.308	ng	99
61) 4-Chlorophenyl-phenyle...	10.427	204	283641	47.573	ng	97
62) 4-Nitroaniline	10.474	138	134896	49.639	ng	97
63) Azobenzene	10.586	77	567863	50.817	ng	99
65) 4,6-Dinitro-2-methylph...	10.510	198	97340	54.977	ng	98
66) n-Nitrosodiphenylamine	10.551	169	512960	53.396	ng	99
67) 4-Bromophenyl-phenylether	10.916	248	181534	51.932	ng	99
68) Hexachlorobenzene	10.992	284	203846	51.434	ng	99
69) Atrazine	11.080	200	178074	66.370	ng	99
70) Pentachlorophenol	11.198	266	160709	110.911	ng	99
71) Phenanthrene	11.404	178	821688	51.138	ng	99
72) Anthracene	11.457	178	844453	53.366	ng	100
73) Carbazole	11.616	167	788819	50.894	ng	99
74) Di-n-butylphthalate	11.927	149	973308	53.508	ng	99
75) Fluoranthene	12.598	202	952765	51.487	ng	100
77) Benzidine	12.721	184	221135	48.374	ng	100
78) Pyrene	12.827	202	1007559	50.586	ng	100
80) Butylbenzylphthalate	13.433	149	388722	53.040	ng	100
81) Benzo(a)anthracene	14.021	228	823174	51.855	ng	100
82) 3,3'-Dichlorobenzidine	13.980	252	156862	32.752	ng	99
83) Chrysene	14.062	228	751611	52.068	ng	100
84) Bis(2-ethylhexyl)phtha...	13.986	149	502288	53.152	ng	99
85) Di-n-octyl phthalate	14.615	149	660135	46.174	ng	99
87) Indeno(1,2,3-cd)pyrene	17.039	276	565094	54.096	ng	99
88) Benzo(b)fluoranthene	15.092	252	560108	48.203	ng	99
89) Benzo(k)fluoranthene	15.121	252	527806	52.953	ng	100
90) Benzo(a)pyrene	15.462	252	509371	55.983	ng	99
91) Dibenzo(a,h)anthracene	17.045	278	466284	53.880	ng	99
92) Benzo(g,h,i)perylene	17.492	276	469557	53.311	ng	98

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

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