Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110824\
Data File : BF140307.D
Acq On : 08 Nov 2024 18:55
Operator : RC/JU
Sample : P4756-01MS
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
BP-B4MS

Quant Time: Nov 08 21:48:03 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 05 16:47:56 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	111731	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	394140	20.000	ng	0.00
39) Acenaphthene-d10	9.916	164	192644	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	322020	20.000	ng	0.00
76) Chrysene-d12	14.063	240	212503	20.000	ng	0.00
86) Perylene-d12	15.562	264	174450	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	665415	98.695	ng	0.00
7) Phenol-d6	6.504	99	870041	100.327	ng	0.00
23) Nitrobenzene-d5	7.439	82	545021	68.751	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	199266	104.646	ng	0.00
45) 2-Fluorobiphenyl	9.233	172	929232	77.023	ng	0.00
79) Terphenyl-d14	12.998	244	979899	75.538	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.687	88	132010	42.588	ng	94
3) Pyridine	3.451	79	347237	45.911	ng	95
4) n-Nitrosodimethylamine	3.404	42	204107	46.742	ng	90
6) Aniline	6.540	93	334506	42.695	ng	99
8) 2-Chlorophenol	6.663	128	377772	53.552	ng	94
9) Benzaldehyde	6.428	77	53429	10.002	ng	96
10) Phenol	6.522	94	474624	51.533	ng	95
11) bis(2-Chloroethyl)ether	6.616	93	365717	52.271	ng	95
12) 1,3-Dichlorobenzene	6.822	146	410335	49.637	ng	98
13) 1,4-Dichlorobenzene	6.898	146	417539	50.080	ng	99
14) 1,2-Dichlorobenzene	7.051	146	394662	50.682	ng	98
15) Benzyl Alcohol	7.016	79	335510	50.187	ng	96
16) 2,2'-oxybis(1-Chloropr...	7.151	45	535573	47.290	ng	98
17) 2-Methylphenol	7.128	107	298834	50.781	ng	98
18) Hexachloroethane	7.392	117	126294	40.666	ng	97
19) n-Nitroso-di-n-propyla...	7.287	70	263655	47.657	ng	96
20) 3+4-Methylphenols	7.281	107	374071	50.613	ng	97
22) Acetophenone	7.287	105	504175	51.593	ng	94
24) Nitrobenzene	7.463	77	400072	48.096	ng	95
25) Isophorone	7.698	82	687725	50.383	ng	98
26) 2-Nitrophenol	7.775	139	159368	48.163	ng	95
27) 2,4-Dimethylphenol	7.810	122	288236	64.031	ng	96
28) bis(2-Chloroethoxy)met...	7.904	93	422624	51.738	ng	100
29) 2,4-Dichlorophenol	8.016	162	289586	52.001	ng	99
30) 1,2,4-Trichlorobenzene	8.104	180	323175	48.429	ng	98
31) Naphthalene	8.181	128	1014095	49.826	ng	99
32) Benzoic acid	7.910	122	153360	41.513	ng	96
33) 4-Chloroaniline	8.228	127	172762	25.784	ng	96
34) Hexachlorobutadiene	8.298	225	222879	49.343	ng	99
35) Caprolactam	8.592	113	89793	53.004	ng	93
36) 4-Chloro-3-methylphenol	8.710	107	296590	47.834	ng	96
37) 2-Methylnaphthalene	8.875	142	654015	49.237	ng	100
38) 1-Methylnaphthalene	8.975	142	602341	46.264	ng	100
40) 1,2,4,5-Tetrachloroben...	9.039	216	318908	56.547	ng	98
41) Hexachlorocyclopentadiene	9.022	237	60076	38.015	ng	99
43) 2,4,6-Trichlorophenol	9.151	196	197831	56.607	ng	98

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.198	196	196886	53.580	ng	96
46) 1,1'-Biphenyl	9.339	154	776895	55.793	ng	99
47) 2-Chloronaphthalene	9.363	162	560484	53.480	ng	99
48) 2-Nitroaniline	9.457	65	200895	57.318	ng	94
49) Acenaphthylene	9.780	152	849013	57.220	ng	99
50) Dimethylphthalate	9.639	163	687540	57.951	ng	99
51) 2,6-Dinitrotoluene	9.698	165	135118	48.450	ng	97
52) Acenaphthene	9.951	154	534633	50.800	ng	98
53) 3-Nitroaniline	9.869	138	130290	49.616	ng	95
54) 2,4-Dinitrophenol	9.980	184	9518	12.552	ng	91
55) Dibenzofuran	10.122	168	782582	53.177	ng	98
56) 4-Nitrophenol	10.033	139	206862	112.037	ng	93
57) 2,4-Dinitrotoluene	10.104	165	170730	47.177	ng	91
58) Fluorene	10.469	166	601628	51.357	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.245	232	166582	55.338	ng	94
60) Diethylphthalate	10.339	149	633066	53.696	ng	99
61) 4-Chlorophenyl-phenyle...	10.457	204	307818	52.137	ng	96
62) 4-Nitroaniline	10.486	138	140757	53.939	ng	91
63) Azobenzene	10.622	77	655078	53.599	ng	92
65) 4,6-Dinitro-2-methylph...	10.516	198	9573	5.660	ng	96
66) n-Nitrosodiphenylamine	10.580	169	520814	56.232	ng	99
67) 4-Bromophenyl-phenylether	10.951	248	188900	54.475	ng	97
68) Hexachlorobenzene	11.022	284	209647	53.040	ng	94
69) Atrazine	11.104	200	179001	70.641	ng	97
70) Pentachlorophenol	11.216	266	247814	116.758	ng	98
71) Phenanthrene	11.433	178	868140	56.491	ng	99
72) Anthracene	11.486	178	880857	58.454	ng	99
73) Carbazole	11.639	167	792694	57.570	ng	100
74) Di-n-butylphthalate	11.969	149	900216	55.232	ng	99
75) Fluoranthene	12.627	202	984068	61.239	ng	98
77) Benzidine	12.751	184	597025	143.695	ng	99
78) Pyrene	12.857	202	1006606	57.370	ng	99
80) Butylbenzylphthalate	13.474	149	379776	60.111	ng	95
81) Benzo(a)anthracene	14.051	228	768717	56.368	ng	100
82) 3,3'-Dichlorobenzidine	14.015	252	271899	63.489	ng	100
83) Chrysene	14.092	228	720941	56.452	ng	99
84) Bis(2-ethylhexyl)phtha...	14.039	149	494440	55.838	ng	98
85) Di-n-octyl phthalate	14.668	149	725637	54.444	ng	96
87) Indeno(1,2,3-cd)pyrene	17.080	276	575017	56.153	ng	98
88) Benzo(b)fluoranthene	15.127	252	568141	53.842	ng	100
89) Benzo(k)fluoranthene	15.157	252	565667	58.420	ng	100
90) Benzo(a)pyrene	15.504	252	524794	60.321	ng	100
91) Dibenzo(a,h)anthracene	17.098	278	466270	55.345	ng	100
92) Benzo(g,h,i)perylene	17.539	276	426273	49.599	ng	98

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

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