Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110824\
Data File : BF140301.D
Acq On : 08 Nov 2024 16:17
Operator : RC/JU
Sample : P4737-01MSD
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP2MSD

Quant Time: Nov 08 16:48:50 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	6.875	152	119710	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	448822	20.000	ng	0.00
39) Acenaphthene-d10	9.916	164	245092	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	382682	20.000	ng	0.00
76) Chrysene-d12	14.063	240	271857	20.000	ng	0.00
86) Perylene-d12	15.568	264	209874	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	707023	97.877	ng	0.01
7) Phenol-d6	6.504	99	907237	97.644	ng	0.00
23) Nitrobenzene-d5	7.440	82	586573	64.978	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	243042	100.323	ng	0.00
45) 2-Fluorobiphenyl	9.234	172	1061614	69.165	ng	0.00
79) Terphenyl-d14	12.998	244	987187	59.485	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.722	88	160220	48.244	ng	96
3) Pyridine	3.475	79	404702	49.942	ng	94
4) n-Nitrosodimethylamine	3.434	42	221005	47.239	ng	90
6) Aniline	6.540	93	282537	33.658	ng	99
8) 2-Chlorophenol	6.663	128	415790	55.012	ng	93
9) Benzaldehyde	6.428	77	59185	10.341	ng	94
10) Phenol	6.522	94	525062	53.209	ng	93
11) bis(2-Chloroethyl)ether	6.610	93	390458	52.087	ng	97
12) 1,3-Dichlorobenzene	6.822	146	452119	51.046	ng	97
13) 1,4-Dichlorobenzene	6.898	146	456247	51.075	ng	99
14) 1,2-Dichlorobenzene	7.045	146	437197	52.402	ng	97
15) Benzyl Alcohol	7.016	79	382038	53.338	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.151	45	596260	49.140	ng	98
17) 2-Methylphenol	7.128	107	336623	53.390	ng	98
18) Hexachloroethane	7.392	117	158006	47.486	ng	97
19) n-Nitroso-di-n-propyla...	7.287	70	295664	49.881	ng	96
20) 3+4-Methylphenols	7.281	107	417440	52.717	ng	96
22) Acetophenone	7.287	105	562225	50.524	ng	94
24) Nitrobenzene	7.457	77	458829	48.439	ng	97
25) Isophorone	7.698	82	790520	50.858	ng	98
26) 2-Nitrophenol	7.775	139	213989	56.792	ng	96
27) 2,4-Dimethylphenol	7.810	122	331546	64.678	ng	97
28) bis(2-Chloroethoxy)met...	7.904	93	478264	51.416	ng	100
29) 2,4-Dichlorophenol	8.016	162	346357	54.617	ng	98
30) 1,2,4-Trichlorobenzene	8.098	180	373131	49.102	ng	98
31) Naphthalene	8.181	128	1177194	50.793	ng	100
32) Benzoic acid	7.922	122	215983	51.341	ng	93
33) 4-Chloroaniline	8.228	127	134686	17.652	ng	96
34) Hexachlorobutadiene	8.298	225	250291	48.661	ng	100
35) Caprolactam	8.598	113	100532	52.113	ng	95
36) 4-Chloro-3-methylphenol	8.710	107	369630	52.351	ng	96
37) 2-Methylnaphthalene	8.869	142	788546	52.132	ng	99
38) 1-Methylnaphthalene	8.969	142	724494	48.867	ng	100
40) 1,2,4,5-Tetrachloroben...	9.039	216	388187	54.102	ng	98
41) Hexachlorocyclopentadiene	9.022	237	140584	69.923	ng	100
43) 2,4,6-Trichlorophenol	9.151	196	258151	58.060	ng	99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.198	196	251975	53.898	ng		96
46) 1,1'-Biphenyl	9.339	154	942328	53.192	ng		100
47) 2-Chloronaphthalene	9.363	162	698040	52.352	ng		99
48) 2-Nitroaniline	9.457	65	239264	53.657	ng		94
49) Acenaphthylene	9.781	152	1079221	57.170	ng		99
50) Dimethylphthalate	9.639	163	839973	55.648	ng		100
51) 2,6-Dinitrotoluene	9.704	165	186666	52.611	ng		92
52) Acenaphthene	9.951	154	721934	53.918	ng		98
53) 3-Nitroaniline	9.869	138	102769	30.761	ng		96
54) 2,4-Dinitrophenol	9.981	184	87575	52.571	ng	#	85
55) Dibenzofuran	10.128	168	1000456	53.434	ng		97
56) 4-Nitrophenol	10.034	139	269861	114.880	ng		93
57) 2,4-Dinitrotoluene	10.110	165	243593	52.907	ng		92
58) Fluorene	10.469	166	755037	50.660	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.245	232	211093	55.118	ng		95
60) Diethylphthalate	10.339	149	806545	53.771	ng		99
61) 4-Chlorophenyl-phenyle...	10.457	204	390395	51.974	ng		97
62) 4-Nitroaniline	10.486	138	147319	44.373	ng		93
63) Azobenzene	10.622	77	843817	54.268	ng		94
65) 4,6-Dinitro-2-methylph...	10.516	198	73274	36.457	ng		92
66) n-Nitrosodiphenylamine	10.581	169	661174	60.071	ng		99
67) 4-Bromophenyl-phenylether	10.951	248	237645	57.669	ng		97
68) Hexachlorobenzene	11.022	284	254423	54.165	ng		93
69) Atrazine	11.104	200	219876	73.017	ng		98
70) Pentachlorophenol	11.216	266	280367	111.156	ng		98
71) Phenanthrene	11.433	178	993889	54.421	ng		99
72) Anthracene	11.486	178	1011935	56.507	ng		99
73) Carbazole	11.639	167	881409	53.866	ng		99
74) Di-n-butylphthalate	11.969	149	1046068	54.007	ng		99
75) Fluoranthene	12.627	202	1021638	53.499	ng		99
77) Benzidine	12.745	184	432175	81.308	ng		99
78) Pyrene	12.857	202	1053558	46.936	ng		99
80) Butylbenzylphthalate	13.474	149	409683	50.687	ng		93
81) Benzo(a)anthracene	14.051	228	953468	54.651	ng		99
82) 3,3'-Dichlorobenzidine	14.010	252	290667	53.053	ng		99
83) Chrysene	14.092	228	894365	54.742	ng		100
84) Bis(2-ethylhexyl)phtha...	14.033	149	544158	48.036	ng		99
85) Di-n-octyl phthalate	14.668	149	893074	52.378	ng		96
87) Indeno(1,2,3-cd)pyrene	17.080	276	620206	50.343	ng		98
88) Benzo(b)fluoranthene	15.127	252	784745	61.816	ng		100
89) Benzo(k)fluoranthene	15.157	252	622046	53.400	ng		100
90) Benzo(a)pyrene	15.504	252	619573	59.195	ng		99
91) Dibenzo(a,h)anthracene	17.098	278	507411	50.062	ng		100
92) Benzo(g,h,i)perylene	17.539	276	462817	44.762	ng		99

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

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