Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110824\
Data File : BF140300.D
Acq On : 08 Nov 2024 15:51
Operator : RC/JU
Sample : P4737-01MS
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP2MS

Quant Time: Nov 08 16:15:37 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	122176	20.000	ng		0.00
21) Naphthalene-d8	8.157	136	451887	20.000	ng		0.00
39) Acenaphthene-d10	9.916	164	246982	20.000	ng		0.00
64) Phenanthrene-d10	11.410	188	380764	20.000	ng		0.00
76) Chrysene-d12	14.063	240	270987	20.000	ng		0.00
86) Perylene-d12	15.563	264	205942	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.504	112	700109	94.964	ng		0.01
7) Phenol-d6	6.504	99	895699	94.456	ng		0.00
23) Nitrobenzene-d5	7.440	82	578872	63.690	ng		0.00
42) 2,4,6-Tribromophenol	10.710	330	239244	97.999	ng		0.00
45) 2-Fluorobiphenyl	9.234	172	1045867	67.618	ng		0.00
79) Terphenyl-d14	12.992	244	945918	57.181	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.722	88	158101	46.645	ng		96
3) Pyridine	3.475	79	397817	48.102	ng		95
4) n-Nitrosodimethylamine	3.434	42	220146	46.105	ng		91
6) Aniline	6.540	93	267246	31.194	ng		99
8) 2-Chlorophenol	6.663	128	410836	53.260	ng		93
9) Benzaldehyde	6.428	77	58571	10.027	ng		97
10) Phenol	6.522	94	516640	51.299	ng		94
11) bis(2-Chloroethyl)ether	6.610	93	383306	50.101	ng		97
12) 1,3-Dichlorobenzene	6.822	146	448178	49.580	ng		97
13) 1,4-Dichlorobenzene	6.898	146	453116	49.701	ng		98
14) 1,2-Dichlorobenzene	7.045	146	426506	50.089	ng		98
15) Benzyl Alcohol	7.016	79	378348	51.757	ng		96
16) 2,2'-oxybis(1-Chloropr...	7.151	45	582952	47.073	ng		99
17) 2-Methylphenol	7.128	107	332538	51.678	ng		98
18) Hexachloroethane	7.387	117	154866	45.603	ng		96
19) n-Nitroso-di-n-propyla...	7.287	70	289433	47.844	ng		96
20) 3+4-Methylphenols	7.281	107	418715	51.811	ng		94
22) Acetophenone	7.287	105	552704	49.332	ng	#	94
24) Nitrobenzene	7.457	77	450300	47.216	ng		96
25) Isophorone	7.698	82	778128	49.721	ng		98
26) 2-Nitrophenol	7.775	139	208945	55.077	ng		95
27) 2,4-Dimethylphenol	7.810	122	325024	62.976	ng		96
28) bis(2-Chloroethoxy)met...	7.904	93	467095	49.875	ng		100
29) 2,4-Dichlorophenol	8.016	162	338047	52.946	ng		98
30) 1,2,4-Trichlorobenzene	8.098	180	366920	47.957	ng		99
31) Naphthalene	8.181	128	1156654	49.568	ng		100
32) Benzoic acid	7.922	122	208184	49.152	ng		94
33) 4-Chloroaniline	8.228	127	125415	16.326	ng		96
34) Hexachlorobutadiene	8.298	225	247712	47.833	ng		99
35) Caprolactam	8.598	113	104960	54.039	ng		91
36) 4-Chloro-3-methylphenol	8.710	107	366473	51.552	ng		96
37) 2-Methylnaphthalene	8.869	142	775289	50.908	ng		98
38) 1-Methylnaphthalene	8.969	142	713780	47.817	ng		100
40) 1,2,4,5-Tetrachloroben...	9.039	216	382270	52.870	ng		99
41) Hexachlorocyclopentadiene	9.022	237	132952	65.621	ng		99
43) 2,4,6-Trichlorophenol	9.151	196	249353	55.652	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.198	196	248178	52.679	ng		95
46) 1,1'-Biphenyl	9.339	154	936056	52.433	ng		99
47) 2-Chloronaphthalene	9.363	162	690662	51.402	ng		99
48) 2-Nitroaniline	9.457	65	233686	52.005	ng		93
49) Acenaphthylene	9.781	152	1062446	55.851	ng		99
50) Dimethylphthalate	9.639	163	833504	54.797	ng		99
51) 2,6-Dinitrotoluene	9.704	165	182813	51.131	ng		91
52) Acenaphthene	9.951	154	708248	52.491	ng		98
53) 3-Nitroaniline	9.869	138	100921	29.977	ng		96
54) 2,4-Dinitrophenol	9.981	184	81913	49.236	ng	#	84
55) Dibenzofuran	10.128	168	976792	51.771	ng		98
56) 4-Nitrophenol	10.034	139	258646	109.264	ng		94
57) 2,4-Dinitrotoluene	10.110	165	238431	51.389	ng		92
58) Fluorene	10.469	166	741248	49.354	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.245	232	210039	54.424	ng		93
60) Diethylphthalate	10.339	149	783580	51.840	ng		99
61) 4-Chlorophenyl-phenyle...	10.457	204	378973	50.067	ng		98
62) 4-Nitroaniline	10.486	138	145963	43.628	ng		93
63) Azobenzene	10.622	77	829596	52.945	ng		93
65) 4,6-Dinitro-2-methylph...	10.516	198	64826	32.416	ng		94
66) n-Nitrosodiphenylamine	10.581	169	651683	59.507	ng		99
67) 4-Bromophenyl-phenylether	10.951	248	231494	56.459	ng		97
68) Hexachlorobenzene	11.016	284	249274	53.336	ng		98
69) Atrazine	11.104	200	215490	71.921	ng		98
70) Pentachlorophenol	11.216	266	267686	106.663	ng		98
71) Phenanthrene	11.433	178	976581	53.743	ng		99
72) Anthracene	11.486	178	989010	55.505	ng		99
73) Carbazole	11.639	167	858960	52.758	ng		99
74) Di-n-butylphthalate	11.969	149	1030190	53.455	ng		99
75) Fluoranthene	12.627	202	982217	51.694	ng		99
77) Benzidine	12.745	184	397047	74.939	ng		98
78) Pyrene	12.857	202	1018283	45.510	ng		99
80) Butylbenzylphthalate	13.474	149	387177	48.056	ng		94
81) Benzo(a)anthracene	14.051	228	931505	53.563	ng		99
82) 3,3'-Dichlorobenzidine	14.010	252	278505	50.996	ng		100
83) Chrysene	14.086	228	858184	52.696	ng		99
84) Bis(2-ethylhexyl)phtha...	14.033	149	522412	46.264	ng		99
85) Di-n-octyl phthalate	14.669	149	858271	50.498	ng		96
87) Indeno(1,2,3-cd)pyrene	17.074	276	594174	49.151	ng		98
88) Benzo(b)fluoranthene	15.121	252	742807	59.630	ng		99
89) Benzo(k)fluoranthene	15.151	252	626132	54.777	ng		100
90) Benzo(a)pyrene	15.498	252	605429	58.948	ng		100
91) Dibenzo(a,h)anthracene	17.092	278	476607	47.921	ng		100
92) Benzo(g,h,i)perylene	17.533	276	439502	43.319	ng		99

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

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