Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031824\
Data File : BF137635.D
Acq On : 18 Mar 2024 17:06
Operator : CG\JU
Sample : P1774-02MSD
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP9MSD

Quant Time: Mar 18 17:37:28 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 14 14:45:20 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	6.728	152	128663	20.000	ng		0.00
21) Naphthalene-d8	8.010	136	490083	20.000	ng		0.00
39) Acenaphthene-d10	9.763	164	262339	20.000	ng		0.00
64) Phenanthrene-d10	11.245	188	391970	20.000	ng		0.00
76) Chrysene-d12	13.880	240	274931	20.000	ng		0.00
86) Perylene-d12	15.298	264	286879	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.334	112	896058	105.478	ng		0.00
7) Phenol-d6	6.369	99	1219580	99.456	ng		0.00
23) Nitrobenzene-d5	7.292	82	730319	69.241	ng		0.00
42) 2,4,6-Tribromophenol	10.551	330	240384	104.343	ng		0.00
45) 2-Fluorobiphenyl	9.086	172	1212493	72.349	ng		0.00
79) Terphenyl-d14	12.827	244	1029877	51.511	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.369	88	164789	35.476	ng		97
3) Pyridine	3.081	79	370728	33.093	ng		96
4) n-Nitrosodimethylamine	3.034	42	162789	36.834	ng	#	99
6) Aniline	6.392	93	277225	18.502	ng		94
8) 2-Chlorophenol	6.510	128	377837	42.168	ng		98
9) Benzaldehyde	6.275	77	84691	14.097	ng		99
10) Phenol	6.381	94	529606	40.126	ng		97
11) bis(2-Chloroethyl)ether	6.463	93	388584	40.177	ng		99
12) 1,3-Dichlorobenzene	6.663	146	404364	42.233	ng		99
13) 1,4-Dichlorobenzene	6.745	146	410378	41.891	ng		100
14) 1,2-Dichlorobenzene	6.892	146	390695	43.451	ng		99
15) Benzyl Alcohol	6.875	79	332242	43.521	ng		98
16) 2,2'-oxybis(1-Chloropr...	6.998	45	604784	36.378	ng		92
17) 2-Methylphenol	6.987	107	310396	37.021	ng		99
18) Hexachloroethane	7.234	117	140169	43.454	ng		93
19) n-Nitroso-di-n-propyla...	7.139	70	283940	37.497	ng		98
20) 3+4-Methylphenols	7.139	107	373677	38.915	ng	#	83
22) Acetophenone	7.139	105	512036	43.182	ng		96
24) Nitrobenzene	7.310	77	433665	40.929	ng		99
25) Isophorone	7.551	82	801571	40.001	ng		97
26) 2-Nitrophenol	7.628	139	187210	44.504	ng		98
27) 2,4-Dimethylphenol	7.669	122	268650	34.179	ng		99
28) bis(2-Chloroethoxy)met...	7.763	93	480540	40.872	ng		99
29) 2,4-Dichlorophenol	7.869	162	316428	43.864	ng		99
30) 1,2,4-Trichlorobenzene	7.951	180	329249	43.371	ng		99
31) Naphthalene	8.028	128	1080923	41.108	ng		99
32) Benzoic acid	7.798	122	172068	39.324	ng		98
33) 4-Chloroaniline	8.086	127	101947	9.887	ng		99
34) Hexachlorobutadiene	8.145	225	190008	42.395	ng		99
35) Caprolactam	8.445	113	118340	48.379	ng		91
36) 4-Chloro-3-methylphenol	8.575	107	331934	41.165	ng		97
37) 2-Methylnaphthalene	8.722	142	662585	39.527	ng		100
38) 1-Methylnaphthalene	8.822	142	614995	38.958	ng		100
40) 1,2,4,5-Tetrachloroben...	8.886	216	319831	43.670	ng		100
41) Hexachlorocyclopentadiene	8.869	237	148034	52.668	ng		99
43) 2,4,6-Trichlorophenol	9.004	196	209480	43.922	ng		98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.045	196	212771	38.728	ng	98
46) 1,1'-Biphenyl	9.186	154	821935	42.807	ng	99
47) 2-Chloronaphthalene	9.210	162	633324	43.262	ng	99
48) 2-Nitroaniline	9.310	65	213832	42.975	ng	97
49) Acenaphthylene	9.622	152	1009768	43.102	ng	100
50) Dimethylphthalate	9.486	163	758919	41.558	ng	99
51) 2,6-Dinitrotoluene	9.551	165	165903	43.434	ng	91
52) Acenaphthene	9.792	154	567923	40.605	ng	99
53) 3-Nitroaniline	9.722	138	101139	25.033	ng	92
54) 2,4-Dinitrophenol	9.828	184	96271	54.587	ng	94
55) Dibenzofuran	9.969	168	875342	41.091	ng	97
56) 4-Nitrophenol	9.892	139	210506	73.617	ng	93
57) 2,4-Dinitrotoluene	9.957	165	205886	43.873	ng	96
58) Fluorene	10.310	166	651196	39.804	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.086	232	178896	40.605	ng	97
60) Diethylphthalate	10.186	149	710173	41.181	ng	100
61) 4-Chlorophenyl-phenyle...	10.304	204	321911	40.149	ng	94
62) 4-Nitroaniline	10.333	138	115305	33.205	ng	93
63) Azobenzene	10.463	77	760041	38.275	ng	98
65) 4,6-Dinitro-2-methylph...	10.363	198	82011	37.540	ng	83
66) n-Nitrosodiphenylamine	10.422	169	581118	46.040	ng	99
67) 4-Bromophenyl-phenylether	10.792	248	195952	45.898	ng	97
68) Hexachlorobenzene	10.851	284	202267	46.908	ng	96
69) Atrazine	10.951	200	178447	46.507	ng	99
70) Pentachlorophenol	11.051	266	197707	75.846	ng	98
71) Phenanthrene	11.269	178	886560	41.560	ng	99
72) Anthracene	11.322	178	911257	41.593	ng	99
73) Carbazole	11.474	167	783347	41.742	ng	99
74) Di-n-butylphthalate	11.810	149	975328	43.682	ng	100
75) Fluoranthene	12.451	202	815224	39.097	ng	99
77) Benzidine	12.586	184	372413	55.351	ng	97
78) Pyrene	12.680	202	842378	31.226	ng	100
80) Butylbenzylphthalate	13.304	149	307953	44.699	ng	100
81) Benzo(a)anthracene	13.868	228	785751	40.777	ng	99
82) 3,3'-Dichlorobenzidine	13.833	252	241292	47.022	ng	98
83) Chrysene	13.904	228	801112	41.134	ng	99
84) Bis(2-ethylhexyl)phtha...	13.863	149	430104	49.117	ng	98
85) Di-n-octyl phthalate	14.474	149	816053	48.312	ng	97
87) Indeno(1,2,3-cd)pyrene	16.692	276	601759	31.875	ng	97
88) Benzo(b)fluoranthene	14.892	252	802312	47.278	ng	99
89) Benzo(k)fluoranthene	14.921	252	736257	40.393	ng	99
90) Benzo(a)pyrene	15.245	252	694823	41.549	ng	98
91) Dibenzo(a,h)anthracene	16.704	278	490667	32.039	ng	98
92) Benzo(g,h,i)perylene	17.104	276	442986	28.166	ng	100

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

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