Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082824\
Data File : BF139208.D
Acq On : 28 Aug 2024 14:51
Operator : RC/JU
Sample : P3767-01MS
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
P-5-COMPOSITEMS

Quant Time: Aug 28 15:28:53 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 27 02:51:47 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.892	152	86887	20.000	ng	0.00
21) Naphthalene-d8	8.175	136	316589	20.000	ng	0.00
39) Acenaphthene-d10	9.927	164	169707	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	244189	20.000	ng	0.00
76) Chrysene-d12	14.051	240	170859	20.000	ng	0.00
86) Perylene-d12	15.521	264	150694	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	407035	78.719	ng	0.01
7) Phenol-d6	6.522	99	548574	77.303	ng	0.00
23) Nitrobenzene-d5	7.451	82	367095	64.238	ng	0.00
42) 2,4,6-Tribromophenol	10.716	330	118375	81.444	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	611817	56.001	ng	0.00
79) Terphenyl-d14	12.992	244	500293	45.688	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.757	88	97669	39.941	ng	99
3) Pyridine	3.504	79	265353	43.664	ng	98
4) n-Nitrosodimethylamine	3.457	42	157355	44.476	ng	99
6) Aniline	6.551	93	198162	29.789	ng	92
8) 2-Chlorophenol	6.675	128	256607	52.235	ng	98
9) Benzaldehyde	6.439	77	107260	24.149	ng	99
10) Phenol	6.534	94	352114	49.165	ng	97
11) bis(2-Chloroethyl)ether	6.628	93	255957	45.360	ng	99
12) 1,3-Dichlorobenzene	6.834	146	286863	44.281	ng	99
13) 1,4-Dichlorobenzene	6.910	146	289661	44.567	ng	99
14) 1,2-Dichlorobenzene	7.063	146	275240	45.009	ng	98
15) Benzyl Alcohol	7.034	79	271703	50.796	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.163	45	379086	46.342	ng	96
17) 2-Methylphenol	7.145	107	213243	47.615	ng	99
18) Hexachloroethane	7.404	117	102502	49.847	ng	99
19) n-Nitroso-di-n-propyla...	7.304	70	206578	48.671	ng	99
20) 3+4-Methylphenols	7.298	107	274411	48.036	ng	95
22) Acetophenone	7.298	105	372726	45.820	ng	97
24) Nitrobenzene	7.475	77	313704	47.175	ng	95
25) Isophorone	7.710	82	545286	48.252	ng	99
26) 2-Nitrophenol	7.792	139	130509	60.342	ng	96
27) 2,4-Dimethylphenol	7.828	122	207129	61.839	ng	98
28) bis(2-Chloroethoxy)met...	7.922	93	311034	47.539	ng	99
29) 2,4-Dichlorophenol	8.028	162	214948	51.991	ng	98
30) 1,2,4-Trichlorobenzene	8.116	180	232076	43.529	ng	98
31) Naphthalene	8.198	128	739898	45.707	ng	100
32) Benzoic acid	7.922	122	104250	38.693	ng	99
33) 4-Chloroaniline	8.239	127	74538	13.361	ng	98
34) Hexachlorobutadiene	8.310	225	156384	45.139	ng	99
35) Caprolactam	8.610	113	61974m	48.865	ng	
36) 4-Chloro-3-methylphenol	8.722	107	231004	48.719	ng	98
37) 2-Methylnaphthalene	8.886	142	479436	47.243	ng	99
38) 1-Methylnaphthalene	8.986	142	439999	44.360	ng	99
40) 1,2,4,5-Tetrachloroben...	9.051	216	238300	47.341	ng	99
41) Hexachlorocyclopentadiene	9.039	237	226589	140.186	ng	99
43) 2,4,6-Trichlorophenol	9.163	196	155132	55.117	ng	99

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	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44)	2,4,5-Trichlorophenol	9.204	196	153368	51.985	ng		98
46)	1,1'-Biphenyl	9.351	154	586222	47.723	ng		99
47)	2-Chloronaphthalene	9.375	162	448328	45.748	ng		98
48)	2-Nitroaniline	9.469	65	150675	51.721	ng		97
49)	Acenaphthylene	9.792	152	678245	49.118	ng		100
50)	Dimethylphthalate	9.651	163	527483	53.806	ng		100
51)	2,6-Dinitrotoluene	9.710	165	109390	51.686	ng		91
52)	Acenaphthene	9.963	154	445289	49.088	ng		100
53)	3-Nitroaniline	9.875	138	69551	33.937	ng		96
54)	2,4-Dinitrophenol	9.980	184	59872	66.650	ng	#	68
55)	Dibenzofuran	10.133	168	612347	46.254	ng		99
56)	4-Nitrophenol	10.033	139	135249	75.829	ng		97
57)	2,4-Dinitrotoluene	10.110	165	138225	51.454	ng		93
58)	Fluorene	10.475	166	463145	44.343	ng		99
59)	2,3,4,6-Tetrachlorophenol	10.251	232	120080	50.784	ng		99
60)	Diethylphthalate	10.351	149	487998	52.862	ng		99
61)	4-Chlorophenyl-phenyle...	10.469	204	232547	45.368	ng		99
62)	4-Nitroaniline	10.486	138	81352	38.276	ng		93
63)	Azobenzene	10.627	77	510215	45.464	ng		98
65)	4,6-Dinitro-2-methylph...	10.516	198	46344	49.326	ng		94
66)	n-Nitrosodiphenylamine	10.586	169	388319	53.695	ng		99
67)	4-Bromophenyl-phenylether	10.957	248	136633	52.661	ng		100
68)	Hexachlorobenzene	11.022	284	141599	50.429	ng		99
69)	Atrazine	11.110	200	118589	75.180	ng		100
70)	Pentachlorophenol	11.216	266	150479	91.281	ng		98
71)	Phenanthrene	11.439	178	622058	50.411	ng		100
72)	Anthracene	11.492	178	605577	50.345	ng		99
73)	Carbazole	11.645	167	477553	44.381	ng		99
74)	Di-n-butylphthalate	11.974	149	609386	65.342	ng		100
75)	Fluoranthene	12.627	202	615696	51.415	ng		98
77)	Benzidine	12.745	184	108428	37.607	ng		99
78)	Pyrene	12.851	202	618457	38.535	ng		100
80)	Butylbenzylphthalate	13.474	149	226490	66.762	ng		99
81)	Benzo(a)anthracene	14.039	228	557851	49.277	ng		99
82)	3,3'-Dichlorobenzidine	14.004	252	110944	42.092	ng		99
83)	Chrysene	14.080	228	541015	52.978	ng		99
84)	Bis(2-ethylhexyl)phtha...	14.033	149	302401	74.870	ng		99
85)	Di-n-octyl phthalate	14.651	149	519268	64.786	ng		98
87)	Indeno(1,2,3-cd)pyrene	17.003	276	359349	34.875	ng		98
88)	Benzo(b)fluoranthene	15.092	252	517511	58.707	ng		100
89)	Benzo(k)fluoranthene	15.121	252	420499	52.762	ng		99
90)	Benzo(a)pyrene	15.462	252	417413	55.786	ng		99
91)	Dibenzo(a,h)anthracene	17.021	278	288516	34.163	ng		98
92)	Benzo(g,h,i)perylene	17.451	276	262629	30.065	ng		98

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

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