Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022624\
Data File : BF137395.D
Acq On : 26 Feb 2024 20:02
Operator : CG\JU
Sample : P1538-15MS
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
20241107-AMENDED-COMPOSITE-35N-N-4-06MS

Quant Time: Feb 27 00:41:21 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF022324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Feb 24 04:23:49 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.781	152	206501	20.000	ng	-0.02
21) Naphthalene-d8	8.063	136	785659	20.000	ng	-0.02
39) Acenaphthene-d10	9.816	164	382714	20.000	ng	-0.02
64) Phenanthrene-d10	11.310	188	547811	20.000	ng	-0.02
76) Chrysene-d12	13.968	240	355247	20.000	ng	-0.01
86) Perylene-d12	15.445	264	430871	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.428	112	95950	7.170	ng	0.00
7) Phenol-d6	6.422	99	575889	29.253	ng	-0.02
23) Nitrobenzene-d5	7.345	82	987080	62.724	ng	-0.02
42) 2,4,6-Tribromophenol	10.610	330	10757	3.228	ng	-0.02
45) 2-Fluorobiphenyl	9.139	172	1334419	54.283	ng	-0.02
79) Terphenyl-d14	12.904	244	1124504	44.274	ng	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	2.610	88	297720	40.610	ng	99
3) Pyridine	3.357	79	695262	37.593	ng	99
4) n-Nitrosodimethylamine	3.334	42	316882	45.264	ng	97
6) Aniline	6.451	93	524643	22.473	ng	97
8) 2-Chlorophenol	6.569	128	640928	44.652	ng	100
9) Benzaldehyde	6.334	77	98230	10.364	ng	94
10) Phenol	6.434	94	922699	42.826	ng	99
11) bis(2-Chloroethyl)ether	6.522	93	699407	44.674	ng	97
12) 1,3-Dichlorobenzene	6.722	146	681756	44.229	ng	100
13) 1,4-Dichlorobenzene	6.798	146	701311	44.190	ng	100
14) 1,2-Dichlorobenzene	6.951	146	663047	45.168	ng	98
15) Benzyl Alcohol	6.928	79	592566	50.496	ng	100
16) 2,2'-oxybis(1-Chloropr...	7.057	45	1135301	43.628	ng	100
17) 2-Methylphenol	7.045	107	525289	38.678	ng	97
18) Hexachloroethane	7.292	117	231182	42.273	ng	96
19) n-Nitroso-di-n-propyla...	7.198	70	487180	40.159	ng	96
20) 3+4-Methylphenols	7.192	107	623422	40.274	ng	88
22) Acetophenone	7.192	105	867189	45.518	ng	97
24) Nitrobenzene	7.363	77	740861	46.331	ng	96
25) Isophorone	7.604	82	1406042	43.204	ng	100
26) 2-Nitrophenol	7.681	139	311375	50.780	ng	97
27) 2,4-Dimethylphenol	7.722	122	454889	38.007	ng	97
28) bis(2-Chloroethoxy)met...	7.816	93	836448	44.592	ng	100
29) 2,4-Dichlorophenol	7.922	162	498321	44.423	ng	97
30) 1,2,4-Trichlorobenzene	8.004	180	547416	45.464	ng	99
31) Naphthalene	8.086	128	1834354	43.507	ng	100
32) Benzoic acid	7.851	122	292686	41.128	ng	99
33) 4-Chloroaniline	8.139	127	163902	10.221	ng	94
34) Hexachlorobutadiene	8.198	225	324832	45.413	ng	99
35) Caprolactam	8.504	113	143621	41.401	ng	97
36) 4-Chloro-3-methylphenol	8.622	107	518247	40.751	ng	98
37) 2-Methylnaphthalene	8.775	142	1082943	39.860	ng	100
38) 1-Methylnaphthalene	8.875	142	1006370	39.179	ng	100
40) 1,2,4,5-Tetrachloroben...	8.939	216	526343	49.933	ng	99
41) Hexachlorocyclopentadiene	8.928	237	13469	2.818	ng	96
43) 2,4,6-Trichlorophenol	9.057	196	319500	46.747	ng	99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.098	196	316501	40.365	ng		97
46) 1,1'-Biphenyl	9.239	154	1300352	46.650	ng		99
47) 2-Chloronaphthalene	9.263	162	1008213	47.895	ng		99
48) 2-Nitroaniline	9.369	65	318109	49.600	ng		95
49) Acenaphthylene	9.680	152	1590257	46.497	ng		100
50) Dimethylphthalate	9.545	163	1178322	44.557	ng		100
51) 2,6-Dinitrotoluene	9.610	165	242527	49.296	ng		95
52) Acenaphthene	9.851	154	875703	42.893	ng		99
53) 3-Nitroaniline	9.780	138	155433	28.650	ng		100
54) 2,4-Dinitrophenol	9.886	184	140882	60.099	ng	#	88
55) Dibenzofuran	10.027	168	1332532	42.230	ng		99
56) 4-Nitrophenol	9.945	139	292063	70.686	ng		98
57) 2,4-Dinitrotoluene	10.010	165	288418	46.405	ng		96
58) Fluorene	10.369	166	983824	40.827	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.145	232	225162	34.677	ng	#	91
60) Diethylphthalate	10.251	149	1087782	44.057	ng		99
61) 4-Chlorophenyl-phenyle...	10.363	204	479416	40.444	ng		97
62) 4-Nitroaniline	10.392	138	178516	34.976	ng		94
63) Azobenzene	10.527	77	1199034	40.589	ng		96
65) 4,6-Dinitro-2-methylph...	10.416	198	105226	40.101	ng		98
66) n-Nitrosodiphenylamine	10.486	169	849986	47.775	ng		100
67) 4-Bromophenyl-phenylether	10.857	248	278886	47.356	ng		95
68) Hexachlorobenzene	10.916	284	287214	47.145	ng		96
69) Atrazine	11.016	200	233167	48.563	ng		99
70) Pentachlorophenol	11.116	266	263113	68.167	ng		99
71) Phenanthrene	11.333	178	1317084	43.578	ng		99
72) Anthracene	11.386	178	1345784	43.207	ng		100
73) Carbazole	11.545	167	1081576	40.642	ng		99
74) Di-n-butylphthalate	11.886	149	1449120	54.421	ng		100
75) Fluoranthene	12.545	202	1201284	40.719	ng		98
77) Benzidine	12.663	184	130132	25.289	ng		98
78) Pyrene	12.763	202	1229813	36.611	ng		100
80) Butylbenzylphthalate	13.392	149	273853	53.315	ng		93
81) Benzo(a)anthracene	13.957	228	1144925	46.445	ng		99
82) 3,3'-Dichlorobenzidine	13.927	252	297419	51.347	ng		98
83) Chrysene	13.992	228	1133610	45.016	ng		100
84) Bis(2-ethylhexyl)phtha...	13.957	149	444868	63.213	ng		99
85) Di-n-octyl phthalate	14.580	149	965933	69.620	ng	#	91
87) Indeno(1,2,3-cd)pyrene	16.945	276	1033539	35.163	ng		100
88) Benzo(b)fluoranthene	15.015	252	1218118	46.085	ng		99
89) Benzo(k)fluoranthene	15.045	252	1169825	42.227	ng		99
90) Benzo(a)pyrene	15.386	252	1118521	44.613	ng		99
91) Dibenzo(a,h)anthracene	16.968	278	825201	34.212	ng		98
92) Benzo(g,h,i)perylene	17.398	276	741818	30.157	ng		99

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

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