Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082423\
Data File : BF134924.D
Acq On : 24 Aug 2023 15:09
Operator : CG\JU
Sample : 04100-01MS
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-1MS

Quant Time: Aug 25 01:18:48 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 22 19:33:25 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.798	152	108906	20.000	ng	0.00
21) Naphthalene-d8	8.075	136	398139	20.000	ng	0.00
39) Acenaphthene-d10	9.839	164	161394	20.000	ng	0.00
64) Phenanthrene-d10	11.339	188	204496	20.000	ng	# 0.01
76) Chrysene-d12	14.010	240	209516	20.000	ng	0.03
86) Perylene-d12	15.474	264	218377	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.434	112	658330	96.396	ng	0.01
7) Phenol-d6	6.439	99	798691	91.522	ng	0.00
23) Nitrobenzene-d5	7.357	82	493703	68.330	ng	0.00
42) 2,4,6-Tribromophenol	10.639	330	152045	79.989	ng	0.01
45) 2-Fluorobiphenyl	9.157	172	794576	76.107	ng	0.00
79) Terphenyl-d14	12.945	244	603958	39.648	ng	0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	2.575	88	114823	38.741	ng	98
3) Pyridine	3.340	79	280013	35.058	ng	97
4) n-Nitrosodimethylamine	3.293	42	153531	43.476	ng	99
6) Aniline	6.463	93	212620	19.713	ng	93
8) 2-Chlorophenol	6.581	128	316497	44.165	ng	94
9) Benzaldehyde	6.351	77	121745	25.436	ng	100
10) Phenol	6.451	94	367453	41.126	ng	94
11) bis(2-Chloroethyl)ether	6.534	93	299851	44.242	ng	99
12) 1,3-Dichlorobenzene	6.734	146	336440	45.014	ng	99
13) 1,4-Dichlorobenzene	6.816	146	337106	45.063	ng	99
14) 1,2-Dichlorobenzene	6.963	146	320965	46.288	ng	99
15) Benzyl Alcohol	6.939	79	266542	43.958	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.075	45	397627	40.515	ng	99
17) 2-Methylphenol	7.057	107	239627	38.637	ng	98
18) Hexachloroethane	7.304	117	114814	42.407	ng	98
19) n-Nitroso-di-n-propyla...	7.210	70	204271	40.079	ng	99
20) 3+4-Methylphenols	7.210	107	285983	41.256	ng	95
22) Acetophenone	7.204	105	405710	46.104	ng	95
24) Nitrobenzene	7.381	77	309521	42.692	ng	97
25) Isophorone	7.616	82	544485	40.357	ng	99
26) 2-Nitrophenol	7.692	139	132539	36.720	ng	98
27) 2,4-Dimethylphenol	7.733	122	237395	40.325	ng	99
28) bis(2-Chloroethoxy)met...	7.828	93	337176	41.931	ng	99
29) 2,4-Dichlorophenol	7.933	162	232383	39.951	ng	98
30) 1,2,4-Trichlorobenzene	8.016	180	266822	43.208	ng	98
31) Naphthalene	8.098	128	838444	42.175	ng	100
32) Benzoic acid	7.851	122	146322	33.679	ng	95
33) 4-Chloroaniline	8.151	127	98215	11.514	ng	97
34) Hexachlorobutadiene	8.210	225	160046	43.577	ng	98
35) Caprolactam	8.516	113	62276	34.297	ng	98
36) 4-Chloro-3-methylphenol	8.633	107	230732	37.589	ng	97
37) 2-Methylnaphthalene	8.786	142	503237	37.958	ng	99
38) 1-Methylnaphthalene	8.886	142	473053	38.158	ng	99
40) 1,2,4,5-Tetrachloroben...	8.957	216	239170	48.632	ng	99
41) Hexachlorocyclopentadiene	8.939	237	84487	38.803	ng	98
43) 2,4,6-Trichlorophenol	9.069	196	147027	45.267	ng	99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	9.116	196	146847	39.052	ng		98
46) 1,1'-Biphenyl	9.257	154	600903	47.160	ng		99
47) 2-Chloronaphthalene	9.280	162	445444	46.812	ng		100
48) 2-Nitroaniline	9.380	65	145114	46.392	ng		97
49) Acenaphthylene	9.698	152	654513	44.664	ng		99
50) Dimethylphthalate	9.563	163	511960	44.564	ng		100
51) 2,6-Dinitrotoluene	9.622	165	99229	39.162	ng		90
52) Acenaphthene	9.869	154	381966	41.376	ng		99
53) 3-Nitroaniline	9.792	138	80973	29.258	ng	#	94
55) Dibenzofuran	10.045	168	534574	39.773	ng		96
56) 4-Nitrophenol	9.963	139	150463	78.015	ng	#	80
57) 2,4-Dinitrotoluene	10.027	165	110710	35.331	ng		95
58) Fluorene	10.392	166	372403	36.531	ng		97
59) 2,3,4,6-Tetrachlorophenol	10.169	232	98781	33.717	ng	#	97
60) Diethylphthalate	10.269	149	395342	37.561	ng		94
61) 4-Chlorophenyl-phenyle...	10.386	204	191657	37.505	ng		96
62) 4-Nitroaniline	10.404	138	76845	29.703	ng	#	76
63) Azobenzene	10.545	77	343806	32.881	ng		95
65) 4,6-Dinitro-2-methylph...	10.439	198	6597	5.467	ng	#	1
66) n-Nitrosodiphenylamine	10.504	169	315868	47.965	ng		100
67) 4-Bromophenyl-phenylether	10.880	248	103669	43.941	ng	#	85
68) Hexachlorobenzene	10.951	284	116370	46.378	ng		94
69) Atrazine	11.080	200	89526	50.064	ng		73
70) Pentachlorophenol	11.145	266	125940	83.402	ng		97
71) Phenanthrene	11.369	178	656382	61.253	ng		96
72) Anthracene	11.421	178	522156	47.557	ng		96
73) Carbazole	11.580	167	405348	44.803	ng	#	95
74) Di-n-butylphthalate	11.916	149	443261	42.718	ng	#	95
75) Fluoranthene	12.574	202	904651	89.098	ng		97
78) Pyrene	12.804	202	897556	40.405	ng		98
80) Butylbenzylphthalate	13.427	149	245938	36.338	ng		90
81) Benzo(a)anthracene	13.998	228	915101	64.016	ng		98
83) Chrysene	14.033	228	829938	58.844	ng		98
84) Bis(2-ethylhexyl)phtha...	13.986	149	349894	47.725	ng		99
85) Di-n-octyl phthalate	14.598	149	689870	57.705	ng		99
87) Indeno(1,2,3-cd)pyrene	16.968	276	628077	40.237	ng		99
88) Benzo(b)fluoranthene	15.051	252	1002281	81.349	ng		99
89) Benzo(k)fluoranthene	15.074	252	697827	57.678	ng		98
90) Benzo(a)pyrene	15.415	252	752298	61.165	ng		100
91) Dibenzo(a,h)anthracene	16.986	278	429551	34.011	ng		100
92) Benzo(g,h,i)perylene	17.427	276	500644	38.723	ng		99

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

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