Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM011723\
Data File : BM038472.D
Acq On : 17 Jan 2023 19:58
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040EC

Quant Time: Jan 18 03:50:21 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM011623.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jan 17 03:06:05 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.975	152	52451	20.000	ng	0.00
21) Naphthalene-d8	10.787	136	204192	20.000	ng	0.00
39) Acenaphthene-d10	14.610	164	136293	20.000	ng	0.00
64) Phenanthrene-d10	17.351	188	337296	20.000	ng	0.00
76) Chrysene-d12	21.527	240	392693	20.000	ng	0.00
86) Perylene-d12	23.950	264	430683	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	291997	84.919	ng	-0.01
7) Phenol-d6	7.140	99	376148	85.397	ng	0.00
23) Nitrobenzene-d5	9.151	82	433436	86.489	ng	0.00
42) 2,4,6-Tribromophenol	16.098	330	192103	83.377	ng	0.00
45) 2-Fluorobiphenyl	13.239	172	906882	82.981	ng	0.00
79) Terphenyl-d14	19.968	244	1860054	88.672	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.381	88	66260	42.167	ng	97
3) Pyridine	3.799	79	206926	45.522	ng	97
4) n-Nitrosodimethylamine	3.711	42	123258	45.829	ng	99
6) Aniline	7.304	93	242592	43.604	ng	99
8) 2-Chlorophenol	7.540	128	146689	43.088	ng	98
9) Benzaldehyde	7.116	77	122417	41.562	ng	97
10) Phenol	7.169	94	194524	42.380	ng	99
11) bis(2-Chloroethyl)ether	7.399	93	158553	42.625	ng	96
12) 1,3-Dichlorobenzene	7.863	146	155190	42.552	ng	99
13) 1,4-Dichlorobenzene	8.010	146	156096	42.543	ng	95
14) 1,2-Dichlorobenzene	8.328	146	151749	42.299	ng	97
15) Benzyl Alcohol	8.222	79	161408	45.753	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.510	45	238406	45.971	ng	99
17) 2-Methylphenol	8.422	107	139013	44.840	ng	96
18) Hexachloroethane	9.057	117	67769	45.093	ng	93
19) n-Nitroso-di-n-propyla...	8.793	70	153520	48.016	ng	99
20) 3+4-Methylphenols	8.757	107	187003	44.926	ng	97
22) Acetophenone	8.810	105	256177	42.444	ng	98
24) Nitrobenzene	9.193	77	226248	42.729	ng	98
25) Isophorone	9.716	82	386402	43.529	ng	98
26) 2-Nitrophenol	9.904	139	79551	42.792	ng	99
27) 2,4-Dimethylphenol	9.963	122	132430	41.835	ng	94
28) bis(2-Chloroethoxy)met...	10.198	93	216069	43.281	ng	97
29) 2,4-Dichlorophenol	10.440	162	147057	42.052	ng	99
30) 1,2,4-Trichlorobenzene	10.651	180	164691	40.726	ng	97
31) Naphthalene	10.839	128	451974	41.766	ng	99
32) Benzoic acid	10.098	122	102400	39.983	ng	97
33) 4-Chloroaniline	10.957	127	203435	42.830	ng	96
34) Hexachlorobutadiene	11.116	225	113316	39.958	ng	99
35) Caprolactam	11.757	113	44077	44.594	ng	97
36) 4-Chloro-3-methylphenol	12.075	107	168065	44.079	ng	95
37) 2-Methylnaphthalene	12.445	142	327492	41.388	ng	98
38) 1-Methylnaphthalene	12.663	142	311144	41.886	ng	99
40) 1,2,4,5-Tetrachloroben...	12.810	216	207726	40.722	ng	99
41) Hexachlorocyclopentadiene	12.781	237	121813	41.998	ng	99
43) 2,4,6-Trichlorophenol	13.051	196	134921	41.841	ng	97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.122	196	159275	41.894	ng		99
46) 1,1'-Biphenyl	13.451	154	436837	41.313	ng		100
47) 2-Chloronaphthalene	13.492	162	348866	41.918	ng		98
48) 2-Nitroaniline	13.704	65	140272	43.385	ng		97
49) Acenaphthylene	14.333	152	549813	41.903	ng		100
50) Dimethylphthalate	14.075	163	463160	41.931	ng		99
51) 2,6-Dinitrotoluene	14.198	165	96783	43.071	ng		94
52) Acenaphthene	14.675	154	335726	42.103	ng		98
53) 3-Nitroaniline	14.528	138	99932	40.812	ng		94
54) 2,4-Dinitrophenol	14.733	184	66400	39.663	ng		96
55) Dibenzofuran	15.010	168	572121	42.141	ng		99
56) 4-Nitrophenol	14.827	139	81779	41.465	ng		90
57) 2,4-Dinitrotoluene	14.986	165	136656	43.748	ng		97
58) Fluorene	15.657	166	487629	42.989	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.233	232	142298	42.214	ng		98
60) Diethylphthalate	15.427	149	486175	42.907	ng		98
61) 4-Chlorophenyl-phenyle...	15.645	204	266723	42.837	ng		98
62) 4-Nitroaniline	15.692	138	109735	42.192	ng		98
63) Azobenzene	15.939	77	572146	45.889	ng		99
65) 4,6-Dinitro-2-methylph...	15.745	198	94458	41.269	ng		96
66) n-Nitrosodiphenylamine	15.863	169	408342	41.259	ng		99
67) 4-Bromophenyl-phenylether	16.539	248	159569	40.898	ng		98
68) Hexachlorobenzene	16.657	284	174134	39.857	ng		98
69) Atrazine	16.816	200	147798	42.230	ng		100
70) Pentachlorophenol	17.004	266	130769	41.001	ng		99
71) Phenanthrene	17.398	178	783126	41.967	ng		100
72) Anthracene	17.486	178	806726	42.064	ng		100
73) Carbazole	17.763	167	711786	42.441	ng		99
74) Di-n-butylphthalate	18.310	149	878441	44.101	ng		99
75) Fluoranthene	19.404	202	1015553	43.291	ng		98
77) Benzidine	19.592	184	374062	43.473	ng		99
78) Pyrene	19.768	202	1097039	41.978	ng		99
80) Butylbenzylphthalate	20.657	149	417274	43.683	ng		93
81) Benzo(a)anthracene	21.515	228	1203621	42.616	ng		99
82) 3,3'-Dichlorobenzidine	21.445	252	393874	43.310	ng		99
83) Chrysene	21.568	228	1165752	42.474	ng		99
84) Bis(2-ethylhexyl)phtha...	21.421	149	628703	45.784	ng	#	98
85) Di-n-octyl phthalate	22.351	149	1089309	45.085	ng		98
87) Indeno(1,2,3-cd)pyrene	26.480	276	1366238	42.865	ng		99
88) Benzo(b)fluoranthene	23.209	252	1136813	42.569	ng		99
89) Benzo(k)fluoranthene	23.262	252	1197658	43.368	ng		100
90) Benzo(a)pyrene	23.845	252	1128664	43.067	ng		99
91) Dibenzo(a,h)anthracene	26.491	278	1142652	42.721	ng		99
92) Benzo(g,h,i)perylene	27.256	276	1107566	41.739	ng		99

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

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