Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032023\
Data File : BM039046.D
Acq On : 20 Mar 2023 15:59
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Quant Time: Mar 21 00:51:33 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM030823.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 17 05:25:34 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.975	152	399182	20.000	ng	0.00
21) Naphthalene-d8	10.786	136	1707614	20.000	ng	0.00
39) Acenaphthene-d10	14.615	164	1033229	20.000	ng	0.00
64) Phenanthrene-d10	17.356	188	2111717	20.000	ng	0.00
76) Chrysene-d12	21.539	240	1664094	20.000	ng	0.00
86) Perylene-d12	23.974	264	1537007	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	2015725	76.719	ng	0.00
7) Phenol-d6	7.134	99	2752593	80.656	ng	0.00
23) Nitrobenzene-d5	9.145	82	2783420	80.068	ng	0.00
42) 2,4,6-Tribromophenol	16.104	330	949137	79.407	ng	0.00
45) 2-Fluorobiphenyl	13.245	172	5783113	72.863	ng	0.00
79) Terphenyl-d14	19.980	244	7742250	85.064	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.393	88	437206	37.404	ng	98
3) Pyridine	3.799	79	1302003	40.163	ng	97
4) n-Nitrosodimethylamine	3.710	42	549405	41.648	ng	99
6) Aniline	7.298	93	1870262	41.738	ng	99
8) 2-Chlorophenol	7.534	128	1117499	39.950	ng	99
9) Benzaldehyde	7.110	77	613278	37.763	ng	99
10) Phenol	7.163	94	1458025	40.231	ng	99
11) bis(2-Chloroethyl)ether	7.398	93	1209297	41.041	ng	99
12) 1,3-Dichlorobenzene	7.863	146	1140889	38.379	ng	98
13) 1,4-Dichlorobenzene	8.010	146	1152191	38.110	ng	100
14) 1,2-Dichlorobenzene	8.328	146	1123036	38.563	ng	99
15) Benzyl Alcohol	8.216	79	1066743	43.610	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.510	45	1664936	44.741	ng	99
17) 2-Methylphenol	8.416	107	1046039	42.017	ng	99
18) Hexachloroethane	9.063	117	448574	40.214	ng	100
19) n-Nitroso-di-n-propyla...	8.792	70	1026697	47.763	ng	97
20) 3+4-Methylphenols	8.751	107	1419130	42.691	ng	99
22) Acetophenone	8.804	105	1842264	38.453	ng	98
24) Nitrobenzene	9.186	77	1448088	39.632	ng	98
25) Isophorone	9.716	82	2784242	43.523	ng	99
26) 2-Nitrophenol	9.898	139	610431	38.469	ng	100
27) 2,4-Dimethylphenol	9.957	122	1105725	39.668	ng	98
28) bis(2-Chloroethoxy)met...	10.198	93	1692791	41.183	ng	100
29) 2,4-Dichlorophenol	10.433	162	1035975	39.202	ng	100
30) 1,2,4-Trichlorobenzene	10.651	180	1047010	36.256	ng	100
31) Naphthalene	10.839	128	3686812	37.863	ng	99
32) Benzoic acid	10.104	122	828519	41.406	ng	99
33) 4-Chloroaniline	10.945	127	1685452	40.617	ng	98
34) Hexachlorobutadiene	11.122	225	591126	35.695	ng	99
35) Caprolactam	11.751	113	367186	45.652	ng	94
36) 4-Chloro-3-methylphenol	12.069	107	1209365	42.976	ng	97
37) 2-Methylnaphthalene	12.445	142	2613536	40.046	ng	100
38) 1-Methylnaphthalene	12.663	142	2443400	39.951	ng	100
40) 1,2,4,5-Tetrachloroben...	12.810	216	1160272	34.542	ng	99
41) Hexachlorocyclopentadiene	12.792	237	683539	37.073	ng	98
43) 2,4,6-Trichlorophenol	13.051	196	821273	37.758	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.116	196	971406	38.155	ng	99
46) 1,1'-Biphenyl	13.451	154	3249806	37.127	ng	100
47) 2-Chloronaphthalene	13.492	162	2421240	36.682	ng	99
48) 2-Nitroaniline	13.698	65	873118	41.624	ng	99
49) Acenaphthylene	14.339	152	4072668	38.737	ng	100
50) Dimethylphthalate	14.074	163	3203317	40.290	ng	99
51) 2,6-Dinitrotoluene	14.192	165	682964	39.126	ng	92
52) Acenaphthene	14.680	154	2463979	38.134	ng	100
53) 3-Nitroaniline	14.521	138	814943	39.924	ng	99
54) 2,4-Dinitrophenol	14.721	184	383373	40.663	ng	97
55) Dibenzofuran	15.015	168	3856913	38.145	ng	99
56) 4-Nitrophenol	14.821	139	652846	41.345	ng	97
57) 2,4-Dinitrotoluene	14.974	165	935276	40.746	ng	94
58) Fluorene	15.662	166	3137342	39.611	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.233	232	769109	39.170	ng	97
60) Diethylphthalate	15.439	149	3325954	42.993	ng	100
61) 4-Chlorophenyl-phenyle...	15.657	204	1533391	39.408	ng	100
62) 4-Nitroaniline	15.686	138	845962	40.710	ng	99
63) Azobenzene	15.945	77	3598388	43.960	ng	98
65) 4,6-Dinitro-2-methylph...	15.739	198	522487	38.747	ng	99
66) n-Nitrosodiphenylamine	15.868	169	2700065	37.927	ng	100
67) 4-Bromophenyl-phenylether	16.551	248	873432	38.293	ng	98
68) Hexachlorobenzene	16.662	284	927383	36.371	ng	97
69) Atrazine	16.821	200	803145	41.303	ng	98
70) Pentachlorophenol	17.004	266	713939	38.069	ng	100
71) Phenanthrene	17.404	178	4652335	37.538	ng	100
72) Anthracene	17.492	178	4756682	38.485	ng	100
73) Carbazole	17.762	167	4405787	39.058	ng	99
74) Di-n-butylphthalate	18.327	149	5702525	41.693	ng	100
75) Fluoranthene	19.415	202	5050656	38.596	ng	99
77) Benzidine	19.598	184	1508738	40.611	ng	99
78) Pyrene	19.774	202	5293175	42.350	ng	99
80) Butylbenzylphthalate	20.674	149	2312873	43.829	ng	100
81) Benzo(a)anthracene	21.521	228	4703718	39.250	ng	99
82) 3,3'-Dichlorobenzidine	21.456	252	1470115	39.915	ng	100
83) Chrysene	21.574	228	4461273	38.276	ng	99
84) Bis(2-ethylhexyl)phtha...	21.444	149	3431800	44.834	ng	99
85) Di-n-octyl phthalate	22.386	149	5345466	42.401	ng	98
87) Indeno(1,2,3-cd)pyrene	26.509	276	4241040	36.262	ng	98
88) Benzo(b)fluoranthene	23.227	252	4027468	41.015	ng	99
89) Benzo(k)fluoranthene	23.280	252	3988426	39.029	ng	100
90) Benzo(a)pyrene	23.862	252	3724147	39.407	ng	99
91) Dibenzo(a,h)anthracene	26.526	278	3606989	36.417	ng	98
92) Benzo(g,h,i)perylene	27.291	276	3391440	34.998	ng	98

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

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