Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM031623\
Data File : BM039027.D
Acq On : 16 Mar 2023 22:00
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040EC

Quant Time: Mar 17 05:54:08 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	394146	20.000	ng		0.00
21) Naphthalene-d8	10.792	136	1702989	20.000	ng		0.00
39) Acenaphthene-d10	14.615	164	1039323	20.000	ng		0.00
64) Phenanthrene-d10	17.362	188	2127996	20.000	ng		0.00
76) Chrysene-d12	21.544	240	1650790	20.000	ng		0.00
86) Perylene-d12	23.980	264	1494746	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.528	112	2015895	77.705	ng		0.00
7) Phenol-d6	7.134	99	2812591	83.467	ng		0.00
23) Nitrobenzene-d5	9.145	82	2823959	81.454	ng		0.00
42) 2,4,6-Tribromophenol	16.104	330	977992	81.341	ng		0.00
45) 2-Fluorobiphenyl	13.245	172	5905435	73.968	ng		0.00
79) Terphenyl-d14	19.980	244	7857830	87.029	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.393	88	426419	36.947	ng		98
3) Pyridine	3.804	79	1291552	40.350	ng		98
4) n-Nitrosodimethylamine	3.710	42	544557	41.808	ng		97
6) Aniline	7.304	93	1919633	43.387	ng		99
8) 2-Chlorophenol	7.539	128	1123892	40.692	ng		99
9) Benzaldehyde	7.110	77	626650	39.080	ng		99
10) Phenol	7.163	94	1499031	41.891	ng		99
11) bis(2-Chloroethyl)ether	7.398	93	1218802	41.892	ng		99
12) 1,3-Dichlorobenzene	7.863	146	1139032	38.806	ng		99
13) 1,4-Dichlorobenzene	8.010	146	1162787	38.952	ng		99
14) 1,2-Dichlorobenzene	8.333	146	1130667	39.321	ng		99
15) Benzyl Alcohol	8.222	79	1106029	45.793	ng		99
16) 2,2'-oxybis(1-Chloropr...	8.516	45	1661904	45.230	ng		99
17) 2-Methylphenol	8.422	107	1069361	43.502	ng		99
18) Hexachloroethane	9.063	117	441628	40.097	ng		98
19) n-Nitroso-di-n-propyla...	8.792	70	1049148	49.431	ng		98
20) 3+4-Methylphenols	8.751	107	1457814	44.415	ng		99
22) Acetophenone	8.804	105	1887369	39.502	ng	#	98
24) Nitrobenzene	9.186	77	1480940	40.641	ng		98
25) Isophorone	9.716	82	2831925	44.388	ng		98
26) 2-Nitrophenol	9.898	139	625304	39.432	ng		98
27) 2,4-Dimethylphenol	9.957	122	1120146	40.295	ng		98
28) bis(2-Chloroethoxy)met...	10.198	93	1688394	41.188	ng		100
29) 2,4-Dichlorophenol	10.433	162	1062172	40.302	ng		99
30) 1,2,4-Trichlorobenzene	10.651	180	1063112	36.913	ng		99
31) Naphthalene	10.839	128	3766896	38.791	ng		99
32) Benzoic acid	10.104	122	891053	44.203	ng		98
33) 4-Chloroaniline	10.951	127	1746637	42.205	ng		99
34) Hexachlorobutadiene	11.127	225	594079	35.970	ng		98
35) Caprolactam	11.751	113	386446	48.177	ng		93
36) 4-Chloro-3-methylphenol	12.069	107	1252193	44.619	ng		97
37) 2-Methylnaphthalene	12.445	142	2657346	40.828	ng		100
38) 1-Methylnaphthalene	12.668	142	2516086	41.251	ng		99
40) 1,2,4,5-Tetrachloroben...	12.816	216	1190187	35.225	ng		99
41) Hexachlorocyclopentadiene	12.792	237	686590	37.020	ng		99
43) 2,4,6-Trichlorophenol	13.051	196	852018	38.941	ng		99

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44) 2,4,5-Trichlorophenol	13.121	196	1003835	39.197	ng	99
46) 1,1'-Biphenyl	13.457	154	3304087	37.526	ng	100
47) 2-Chloronaphthalene	13.498	162	2467211	37.160	ng	100
48) 2-Nitroaniline	13.698	65	908114	42.963	ng	98
49) Acenaphthylene	14.339	152	4177830	39.504	ng	99
50) Dimethylphthalate	14.080	163	3279703	41.009	ng	100
51) 2,6-Dinitrotoluene	14.192	165	708917	40.326	ng	94
52) Acenaphthene	14.680	154	2514781	38.692	ng	99
53) 3-Nitroaniline	14.521	138	841904	40.960	ng	99
54) 2,4-Dinitrophenol	14.721	184	390694	41.129	ng	97
55) Dibenzofuran	15.015	168	3942056	38.759	ng	99
56) 4-Nitrophenol	14.821	139	682119	42.946	ng	97
57) 2,4-Dinitrotoluene	14.980	165	956469	41.390	ng	97
58) Fluorene	15.662	166	3218335	40.396	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.239	232	805809	40.799	ng	99
60) Diethylphthalate	15.439	149	3382853	43.472	ng	100
61) 4-Chlorophenyl-phenyle...	15.657	204	1557146	39.784	ng	99
62) 4-Nitroaniline	15.686	138	877703	41.935	ng	98
63) Azobenzene	15.951	77	3655841	44.400	ng	99
65) 4,6-Dinitro-2-methylph...	15.739	198	540375	39.633	ng	99
66) n-Nitrosodiphenylamine	15.874	169	2780958	38.765	ng	100
67) 4-Bromophenyl-phenylether	16.551	248	889188	38.686	ng	97
68) Hexachlorobenzene	16.662	284	957386	37.260	ng	97
69) Atrazine	16.821	200	848573	43.305	ng	99
70) Pentachlorophenol	17.009	266	737109	39.004	ng	99
71) Phenanthrene	17.403	178	4810250	38.515	ng	99
72) Anthracene	17.498	178	4888091	39.246	ng	99
73) Carbazole	17.762	167	4528251	39.836	ng	99
74) Di-n-butylphthalate	18.327	149	5768624	41.847	ng	100
75) Fluoranthene	19.415	202	5170868	39.212	ng	98
77) Benzidine	19.597	184	1653571	44.357	ng	100
78) Pyrene	19.780	202	5386020	43.440	ng	99
80) Butylbenzylphthalate	20.674	149	2380389	45.348	ng	95
81) Benzo(a)anthracene	21.527	228	4703329	39.563	ng	99
82) 3,3'-Dichlorobenzidine	21.456	252	1525878	41.763	ng	99
83) Chrysene	21.580	228	4514854	39.048	ng	99
84) Bis(2-ethylhexyl)phtha...	21.450	149	3484479	45.831	ng	99
85) Di-n-octyl phthalate	22.391	149	5416712	43.230	ng	98
87) Indeno(1,2,3-cd)pyrene	26.526	276	4178371	36.736	ng	98
88) Benzo(b)fluoranthene	23.238	252	3995816	41.844	ng	100
89) Benzo(k)fluoranthene	23.285	252	4009586	40.346	ng	99
90) Benzo(a)pyrene	23.874	252	3713837	40.409	ng	100
91) Dibenzo(a,h)anthracene	26.538	278	3551929	36.875	ng	98
92) Benzo(g,h,i)perylene	27.303	276	3338908	35.430	ng	97

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

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