Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060923\
Data File : BM040200.D
Acq On : 09 Jun 2023 20:59
Operator : MA/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Quant Time: Jun 10 04:39:44 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM060823.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 08 23:25:50 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.987	152	368772	20.000	ng		0.00
21) Naphthalene-d8	10.804	136	1623932	20.000	ng		0.00
39) Acenaphthene-d10	14.627	164	998537	20.000	ng		0.00
64) Phenanthrene-d10	17.368	188	2128479	20.000	ng		0.00
76) Chrysene-d12	21.544	240	2102419	20.000	ng		0.00
86) Perylene-d12	23.980	264	1970427	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.534	112	1844673	74.691	ng		0.00
7) Phenol-d6	7.145	99	2545252	75.526	ng		0.00
23) Nitrobenzene-d5	9.157	82	2230488	74.342	ng		0.00
42) 2,4,6-Tribromophenol	16.115	330	1334984	88.859	ng		0.00
45) 2-Fluorobiphenyl	13.251	172	5782933	76.546	ng		0.00
79) Terphenyl-d14	19.986	244	9832645	86.213	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.399	88	343208	34.994	ng		97
3) Pyridine	3.804	79	1050979	37.360	ng		97
4) n-Nitrosodimethylamine	3.716	42	383743	33.647	ng		92
6) Aniline	7.310	93	1532544	37.574	ng		99
8) 2-Chlorophenol	7.545	128	1007235	38.572	ng		98
9) Benzaldehyde	7.122	77	646184	36.007	ng		94
10) Phenol	7.175	94	1244044	37.534	ng		96
11) bis(2-Chloroethyl)ether	7.410	93	983920	36.836	ng		97
12) 1,3-Dichlorobenzene	7.875	146	1023553	38.990	ng		98
13) 1,4-Dichlorobenzene	8.022	146	1038023	38.698	ng		99
14) 1,2-Dichlorobenzene	8.345	146	1020743	38.668	ng		98
15) Benzyl Alcohol	8.228	79	849205	38.182	ng		97
16) 2,2'-oxybis(1-Chloropr...	8.516	45	1212846	35.617	ng		99
17) 2-Methylphenol	8.428	107	924678	39.155	ng		99
18) Hexachloroethane	9.075	117	366425	38.152	ng		94
19) n-Nitroso-di-n-propyla...	8.804	70	771559	37.683	ng		97
20) 3+4-Methylphenols	8.763	107	1266619	39.287	ng		98
22) Acetophenone	8.816	105	1591202	37.520	ng	#	97
24) Nitrobenzene	9.198	77	1133272	36.697	ng		96
25) Isophorone	9.728	82	2167299	38.253	ng		97
26) 2-Nitrophenol	9.910	139	566299	44.131	ng		94
27) 2,4-Dimethylphenol	9.969	122	1005305	40.042	ng		96
28) bis(2-Chloroethoxy)met...	10.210	93	1376461	37.633	ng		99
29) 2,4-Dichlorophenol	10.445	162	986571	42.842	ng		97
30) 1,2,4-Trichlorobenzene	10.663	180	971915	41.666	ng		98
31) Naphthalene	10.851	128	3388293	38.737	ng		100
32) Benzoic acid	10.110	122	788766	41.995	ng		95
33) 4-Chloroaniline	10.963	127	1571328	40.336	ng		97
34) Hexachlorobutadiene	11.139	225	518827	42.403	ng		98
35) Caprolactam	11.757	113	344640	43.581	ng		86
36) 4-Chloro-3-methylphenol	12.080	107	1085208	40.582	ng		93
37) 2-Methylnaphthalene	12.457	142	2434572	40.250	ng		98
38) 1-Methylnaphthalene	12.674	142	2315922	40.602	ng		99
40) 1,2,4,5-Tetrachloroben...	12.822	216	1066604	40.291	ng		97
41) Hexachlorocyclopentadiene	12.804	237	465316	33.709	ng		99
43) 2,4,6-Trichlorophenol	13.063	196	772581	42.549	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.133	196	925811	42.240	ng		95
46) 1,1'-Biphenyl	13.463	154	3077524	38.437	ng		99
47) 2-Chloronaphthalene	13.504	162	2342212	39.378	ng		98
48) 2-Nitroaniline	13.710	65	692108	38.808	ng		88
49) Acenaphthylene	14.351	152	3913530	39.684	ng		100
50) Dimethylphthalate	14.086	163	3064168	39.344	ng		99
51) 2,6-Dinitrotoluene	14.204	165	656790	42.078	ng		87
52) Acenaphthene	14.692	154	2399264	39.445	ng		99
53) 3-Nitroaniline	14.533	138	814854	41.843	ng		90
54) 2,4-Dinitrophenol	14.733	184	280939	33.352	ng	#	85
55) Dibenzofuran	15.021	168	3834940	40.304	ng		98
56) 4-Nitrophenol	14.833	139	675063	42.799	ng		89
57) 2,4-Dinitrotoluene	14.986	165	928733	44.584	ng	#	86
58) Fluorene	15.668	166	3210187	40.306	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.245	232	770404	44.954	ng		93
60) Diethylphthalate	15.445	149	3223564	40.794	ng		98
61) 4-Chlorophenyl-phenyle...	15.663	204	1566110	42.068	ng		97
62) 4-Nitroaniline	15.698	138	885875	42.703	ng		90
63) Azobenzene	15.957	77	2917564	37.975	ng		94
65) 4,6-Dinitro-2-methylph...	15.745	198	418109	35.021	ng		92
66) n-Nitrosodiphenylamine	15.880	169	2722291	39.049	ng		97
67) 4-Bromophenyl-phenylether	16.557	248	894979	41.866	ng		97
68) Hexachlorobenzene	16.674	284	1036137	42.262	ng		92
69) Atrazine	16.827	200	780157	40.947	ng		98
70) Pentachlorophenol	17.015	266	749582	41.650	ng		98
71) Phenanthrene	17.409	178	4844697	39.064	ng		99
72) Anthracene	17.504	178	5016299	40.544	ng		99
73) Carbazole	17.774	167	4685012	39.699	ng		99
74) Di-n-butylphthalate	18.333	149	5480042	41.404	ng		99
75) Fluoranthene	19.421	202	5404244	41.064	ng		99
77) Benzidine	19.603	184	1685145	42.679	ng		100
78) Pyrene	19.786	202	5795658	41.340	ng		99
80) Butylbenzylphthalate	20.674	149	2521286	44.495	ng		93
81) Benzo(a)anthracene	21.527	228	5929280	41.357	ng		99
82) 3,3'-Dichlorobenzidine	21.462	252	2098558	44.043	ng		99
83) Chrysene	21.586	228	5547306	40.845	ng		100
84) Bis(2-ethylhexyl)phtha...	21.450	149	3772798	45.086	ng		98
85) Di-n-octyl phthalate	22.386	149	6408098	47.157	ng		96
87) Indeno(1,2,3-cd)pyrene	26.521	276	5208680	35.255	ng		98
88) Benzo(b)fluoranthene	23.238	252	5279952	44.244	ng		99
89) Benzo(k)fluoranthene	23.286	252	5388563	43.203	ng		99
90) Benzo(a)pyrene	23.874	252	4783003	41.969	ng		99
91) Dibenzo(a,h)anthracene	26.532	278	4468010	35.032	ng		99
92) Benzo(g,h,i)perylene	27.297	276	3786024	34.557	ng		98

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

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