Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM040221\
Data File : BM029312.D
Acq On : 02 Apr 2021 08:52
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SSTDCCC040

Quant Time: Apr 02 10:45:44 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM040121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 01 16:52:48 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.698	152	132524	20.00	ng		0.00
21) Naphthalene-d8	10.481	136	500937	20.00	ng		0.00
39) Acenaphthene-d10	14.339	164	296706	20.00	ng		0.00
64) Phenanthrene-d10	17.074	188	546407	20.00	ng		0.00
76) Chrysene-d12	21.250	240	494019	20.00	ng		0.00
86) Perylene-d12	23.462	264	486999	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.293	112	630824	78.59	ng		0.00
7) Phenol-d6	6.875	99	912651	80.54	ng		0.00
23) Nitrobenzene-d5	8.851	82	892272	81.66	ng		0.00
42) 2,4,6-Tribromophenol	15.827	330	246682	83.18	ng		0.00
45) 2-Fluorobiphenyl	12.957	172	1755683	82.44	ng		0.00
79) Terphenyl-d14	19.703	244	2189531	84.18	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.228	88	134770	38.63	ng		99
3) Pyridine	3.628	79	366266	41.54	ng		99
4) n-Nitrosodimethylamine	3.540	42	183239	43.57	ng		94
6) Aniline	7.034	93	492372	39.81	ng		100
8) 2-Chlorophenol	7.269	128	356460	40.13	ng		98
9) Benzaldehyde	6.846	77	269535	37.80	ng		96
10) Phenol	6.904	94	445016	39.93	ng		96
11) bis(2-Chloroethyl)ether	7.134	93	331823	39.32	ng		97
12) 1,3-Dichlorobenzene	7.593	146	382811	39.59	ng		98
13) 1,4-Dichlorobenzene	7.734	146	389830	39.63	ng		98
14) 1,2-Dichlorobenzene	8.051	146	375250	39.67	ng		98
15) Benzyl Alcohol	7.940	79	336430	40.27	ng		97
16) 2,2'-oxybis(1-Chloropr...	8.228	45	514330	40.67	ng		99
17) 2-Methylphenol	8.145	107	294882	40.62	ng		99
18) Hexachloroethane	8.775	117	152560	39.66	ng		98
19) n-Nitroso-di-n-propyla...	8.510	70	315367	41.17	ng		99
20) 3+4-Methylphenols	8.469	107	395661	40.20	ng		99
22) Acetophenone	8.522	105	528262	40.77	ng	#	100
24) Nitrobenzene	8.898	77	460440	41.06	ng		100
25) Isophorone	9.422	82	802841	41.07	ng		99
26) 2-Nitrophenol	9.604	139	182819	40.81	ng		98
27) 2,4-Dimethylphenol	9.669	122	287587	40.89	ng		98
28) bis(2-Chloroethoxy)met...	9.904	93	417372	41.32	ng		98
29) 2,4-Dichlorophenol	10.134	162	319815	41.06	ng		99
30) 1,2,4-Trichlorobenzene	10.345	180	342874	40.74	ng		96
31) Naphthalene	10.534	128	1070116	40.54	ng		99
32) Benzoic acid	9.810	122	221446	41.67	ng		95
33) 4-Chloroaniline	10.639	127	435916	40.98	ng		100
34) Hexachlorobutadiene	10.822	225	201928	40.74	ng		97
35) Caprolactam	11.428	113	97550	39.84	ng		92
36) 4-Chloro-3-methylphenol	11.769	107	343742	40.98	ng		95
37) 2-Methylnaphthalene	12.151	142	764844	41.11	ng		99
38) 1-Methylnaphthalene	12.369	142	716027	40.68	ng		100
40) 1,2,4,5-Tetrachloroben...	12.522	216	340899	40.97	ng		99
41) Hexachlorocyclopentadiene	12.504	237	203888	42.23	ng		97
43) 2,4,6-Trichlorophenol	12.763	196	245192	41.51	ng		99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.833	196	260269	40.86	ng	96
46) 1,1'-Biphenyl	13.169	154	944500	41.12	ng	98
47) 2-Chloronaphthalene	13.210	162	727438	40.94	ng	99
48) 2-Nitroaniline	13.416	65	243745	41.13	ng	99
49) Acenaphthylene	14.057	152	1130323	40.78	ng	100
50) Dimethylphthalate	13.798	163	848202	39.59	ng	99
51) 2,6-Dinitrotoluene	13.916	165	192873	40.44	ng	98
52) Acenaphthene	14.398	154	689487	40.24	ng	99
53) 3-Nitroaniline	14.239	138	196848	40.44	ng	97
54) 2,4-Dinitrophenol	14.445	184	105811	42.15	ng	95
55) Dibenzofuran	14.733	168	1083606	40.32	ng	98
56) 4-Nitrophenol	14.551	139	166438	40.13	ng	99
57) 2,4-Dinitrotoluene	14.704	165	255379	40.44	ng	98
58) Fluorene	15.386	166	886663	40.23	ng	100
59) 2,3,4,6-Tetrachlorophenol	14.963	232	200806	40.99	ng	97
60) Diethylphthalate	15.168	149	864485	39.50	ng	100
61) 4-Chlorophenyl-phenyle...	15.380	204	413567	40.97	ng	96
62) 4-Nitroaniline	15.404	138	201367	39.34	ng	98
63) Azobenzene	15.674	77	1038053	41.22	ng	98
65) 4,6-Dinitro-2-methylph...	15.463	198	141712	40.58	ng	98
66) n-Nitrosodiphenylamine	15.598	169	749902	41.50	ng	100
67) 4-Bromophenyl-phenylether	16.274	248	227151	41.84	ng	99
68) Hexachlorobenzene	16.386	284	245211	41.13	ng	98
69) Atrazine	16.551	200	247322	41.07	ng	98
70) Pentachlorophenol	16.727	266	140513	44.70	ng	98
71) Phenanthrene	17.115	178	1283007	40.60	ng	99
72) Anthracene	17.210	178	1282260	41.10	ng	100
73) Carbazole	17.480	167	1219358	40.02	ng	100
74) Di-n-butylphthalate	18.045	149	1439071	41.20	ng	99
75) Fluoranthene	19.133	202	1377234	39.12	ng	99
77) Benzidine	19.315	184	692670	43.23	ng	100
78) Pyrene	19.492	202	1414251	41.20	ng	99
80) Butylbenzylphthalate	20.398	149	630584	40.79	ng	94
81) Benzo(a)anthracene	21.233	228	1330041	40.34	ng	99
82) 3,3'-Dichlorobenzidine	21.168	252	438134	39.56	ng	98
83) Chrysene	21.286	228	1275721	39.52	ng	99
84) Bis(2-ethylhexyl)phtha...	21.174	149	996328	41.90	ng	99
85) Di-n-octyl phthalate	22.045	149	1660307	40.68	ng	100
87) Indeno(1,2,3-cd)pyrene	25.691	276	1441003	40.14	ng	99
88) Benzo(b)fluoranthene	22.797	252	1321980	41.34	ng	99
89) Benzo(k)fluoranthene	22.844	252	1235857	40.41	ng	99
90) Benzo(a)pyrene	23.368	252	1184678	40.52	ng	100
91) Dibenzo(a,h)anthracene	25.703	278	1246859	40.45	ng	100
92) Benzo(g,h,i)perylene	26.374	276	1180660	39.73	ng	99

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

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