Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM031324\
Data File : BM044599.D
Acq On : 13 Mar 2024 16:09
Operator : MA/JU
Sample : SSTDICCC040
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

Quant Time: Mar 14 01:53:55 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM031324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 14 01:48:58 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.704	152	237331	20.000	ng	0.00
21) Naphthalene-d8	10.486	136	938226	20.000	ng	0.00
39) Acenaphthene-d10	14.351	164	534669	20.000	ng	0.00
64) Phenanthrene-d10	17.104	188	1040658	20.000	ng	0.00
76) Chrysene-d12	21.303	240	895964	20.000	ng	0.00
86) Perylene-d12	23.550	264	1033796	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.304	112	1339787	81.053	ng	0.00
7) Phenol-d6	6.881	99	1739231	81.786	ng	0.00
23) Nitrobenzene-d5	8.863	82	1604038	82.363	ng	0.00
42) 2,4,6-Tribromophenol	15.845	330	487943	82.741	ng	0.00
45) 2-Fluorobiphenyl	12.969	172	3129755	80.617	ng	0.00
79) Terphenyl-d14	19.745	244	4309140	84.135	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.293	88	275005	39.581	ng	100
3) Pyridine	3.675	79	781168	40.633	ng	100
4) n-Nitrosodimethylamine	3.599	42	314731	40.874	ng	100
6) Aniline	7.045	93	1029072	40.858	ng	100
8) 2-Chlorophenol	7.269	128	669720	40.677	ng	100
9) Benzaldehyde	6.863	77	446910	40.126	ng	100
10) Phenol	6.904	94	867528	40.848	ng	100
11) bis(2-Chloroethyl)ether	7.145	93	701905	40.478	ng	100
12) 1,3-Dichlorobenzene	7.592	146	707929	39.989	ng	100
13) 1,4-Dichlorobenzene	7.739	146	717819	40.231	ng	100
14) 1,2-Dichlorobenzene	8.051	146	683165	40.150	ng	100
15) Benzyl Alcohol	7.951	79	584371	41.798	ng	100
16) 2,2'-oxybis(1-Chloropr...	8.239	45	972434	40.448	ng	100
17) 2-Methylphenol	8.145	107	599467	41.387	ng	100
18) Hexachloroethane	8.763	117	266857	40.457	ng	100
19) n-Nitroso-di-n-propyla...	8.516	70	543109	41.819	ng	100
20) 3+4-Methylphenols	8.475	107	813626	41.625	ng	100
22) Acetophenone	8.528	105	1007097	40.858	ng	100
24) Nitrobenzene	8.910	77	789576	41.014	ng	100
25) Isophorone	9.428	82	1404446	41.797	ng	100
26) 2-Nitrophenol	9.610	139	352254	42.404	ng	100
27) 2,4-Dimethylphenol	9.669	122	604099	41.352	ng	100
28) bis(2-Chloroethoxy)met...	9.916	93	919180	41.193	ng	100
29) 2,4-Dichlorophenol	10.133	162	580946	41.725	ng	100
30) 1,2,4-Trichlorobenzene	10.345	180	595268	40.188	ng	100
31) Naphthalene	10.533	128	2087648	40.544	ng	100
32) Benzoic acid	9.810	122	453964	39.621	ng	100
33) 4-Chloroaniline	10.657	127	892311	41.308	ng	100
34) Hexachlorobutadiene	10.804	225	331620	40.154	ng	100
35) Caprolactam	11.451	113	192883	42.917	ng	100
36) 4-Chloro-3-methylphenol	11.780	107	638314	41.779	ng	100
37) 2-Methylnaphthalene	12.151	142	1425714	40.795	ng	100
38) 1-Methylnaphthalene	12.374	142	1328250	40.780	ng	100
40) 1,2,4,5-Tetrachloroben...	12.522	216	609637	40.180	ng	100
41) Hexachlorocyclopentadiene	12.492	237	356841	41.283	ng	100
43) 2,4,6-Trichlorophenol	12.769	196	431024	42.071	ng	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.839	196	502036	41.355	ng	100
46) 1,1'-Biphenyl	13.180	154	1696355	40.566	ng	100
47) 2-Chloronaphthalene	13.221	162	1253482	40.536	ng	100
48) 2-Nitroaniline	13.439	65	450460	42.933	ng	100
49) Acenaphthylene	14.068	152	2072304	41.139	ng	100
50) Dimethylphthalate	13.821	163	1638803	40.978	ng	100
51) 2,6-Dinitrotoluene	13.945	165	346279	41.580	ng	100
52) Acenaphthene	14.415	154	1242048	40.788	ng	100
53) 3-Nitroaniline	14.274	138	410406	42.085	ng	100
54) 2,4-Dinitrophenol	14.480	184	201388	39.387	ng	100
55) Dibenzofuran	14.751	168	1969371	40.749	ng	100
56) 4-Nitrophenol	14.574	139	330262	41.236	ng	100
57) 2,4-Dinitrotoluene	14.733	165	466177	42.840	ng	100
58) Fluorene	15.404	166	1536969	40.838	ng	100
59) 2,3,4,6-Tetrachlorophenol	14.974	232	385337	40.884	ng	100
60) Diethylphthalate	15.192	149	1665174	41.132	ng	100
61) 4-Chlorophenyl-phenyle...	15.404	204	732831	40.560	ng	100
62) 4-Nitroaniline	15.439	138	422711	43.394	ng	100
63) Azobenzene	15.698	77	1752090	41.868	ng	100
65) 4,6-Dinitro-2-methylph...	15.492	198	270792	41.493	ng	100
66) n-Nitrosodiphenylamine	15.621	169	1334289	41.140	ng	100
67) 4-Bromophenyl-phenylether	16.304	248	438630	40.749	ng	100
68) Hexachlorobenzene	16.398	284	462668	40.435	ng	100
69) Atrazine	16.586	200	416899	41.136	ng	100
70) Pentachlorophenol	16.751	266	350470	42.582	ng	100
71) Phenanthrene	17.145	178	2327426	40.471	ng	100
72) Anthracene	17.239	178	2375731	41.189	ng	100
73) Carbazole	17.515	167	2243578	41.300	ng	100
74) Di-n-butylphthalate	18.086	149	2942785	42.041	ng	100
75) Fluoranthene	19.168	202	2622750	40.798	ng	100
77) Benzidine	19.368	184	1032304	45.915	ng	100
78) Pyrene	19.533	202	2757743	41.996	ng	100
80) Butylbenzylphthalate	20.450	149	1293839	43.718	ng	100
81) Benzo(a)anthracene	21.286	228	2561358	41.086	ng	100
82) 3,3'-Dichlorobenzidine	21.227	252	929442	43.289	ng	100
83) Chrysene	21.339	228	2468320	41.435	ng	100
84) Bis(2-ethylhexyl)phtha...	21.233	149	1983976	44.498	ng	100
85) Di-n-octyl phthalate	22.121	149	3405267	44.031	ng	100
87) Indeno(1,2,3-cd)pyrene	25.827	276	3053247	40.855	ng	100
88) Benzo(b)fluoranthene	22.874	252	2496152	41.087	ng	100
89) Benzo(k)fluoranthene	22.921	252	2535151	40.591	ng	100
90) Benzo(a)pyrene	23.450	252	2437356	41.132	ng	100
91) Dibenzo(a,h)anthracene	25.844	278	2576892	40.900	ng	100
92) Benzo(g,h,i)perylene	26.521	276	2504754	40.386	ng	100

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

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