Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM051223\
Data File : BM039921.D
Acq On : 12 May 2023 17:20
Operator : CG/JU
Sample : SSTDICV040
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
ICVBM051223

Quant Time: May 13 02:27:12 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM051223.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat May 13 02:16:09 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	8.036	152	500205	20.000	ng	0.00
21) Naphthalene-d8	10.854	136	2238194	20.000	ng	0.00
39) Acenaphthene-d10	14.671	164	1388241	20.000	ng	0.00
64) Phenanthrene-d10	17.412	188	2829954	20.000	ng	0.00
76) Chrysene-d12	21.589	240	2882446	20.000	ng	0.00
86) Perylene-d12	24.047	264	3028594	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.572	112	2254313	73.240	ng	0.00
7) Phenol-d6	7.184	99	3083288	75.179	ng	0.00
23) Nitrobenzene-d5	9.207	82	3031247	79.319	ng	0.00
42) 2,4,6-Tribromophenol	16.154	330	1791878	73.496	ng	0.00
45) 2-Fluorobiphenyl	13.307	172	8465038	78.000	ng	0.00
79) Terphenyl-d14	20.024	244	12047747	75.646	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.431	88	408348	35.113	ng	97
3) Pyridine	3.837	79	1219620	37.069	ng	97
4) n-Nitrosodimethylamine	3.748	42	418491	35.315	ng	96
6) Aniline	7.354	93	1946206	38.157	ng	98
8) 2-Chlorophenol	7.595	128	1327723	38.555	ng	98
9) Benzaldehyde	7.166	77	689637	37.648	ng	97
10) Phenol	7.213	94	1537767	37.313	ng	99
11) bis(2-Chloroethyl)ether	7.454	93	1271516	36.842	ng	99
12) 1,3-Dichlorobenzene	7.925	146	1327766	37.256	ng	99
13) 1,4-Dichlorobenzene	8.072	146	1360213	37.211	ng	99
14) 1,2-Dichlorobenzene	8.389	146	1359126	37.602	ng	99
15) Benzyl Alcohol	8.272	79	1109697	40.622	ng	97
16) 2,2'-oxybis(1-Chloropr...	8.566	45	1406283	36.699	ng	99
17) 2-Methylphenol	8.472	107	1175667	38.827	ng	100
18) Hexachloroethane	9.125	117	489750	38.508	ng	99
19) n-Nitroso-di-n-propyla...	8.854	70	1105339	40.607	ng	98
20) 3+4-Methylphenols	8.807	107	1593190	39.575	ng	100
22) Acetophenone	8.866	105	2180840	36.944	ng	99
24) Nitrobenzene	9.248	77	1490250	38.573	ng	99
25) Isophorone	9.772	82	3038162	38.602	ng	99
26) 2-Nitrophenol	9.960	139	627661	41.013	ng	97
27) 2,4-Dimethylphenol	10.019	122	1297944	38.771	ng	98
28) bis(2-Chloroethoxy)met...	10.260	93	1825459	37.844	ng	99
29) 2,4-Dichlorophenol	10.495	162	1243733	39.111	ng	98
30) 1,2,4-Trichlorobenzene	10.713	180	1303695	37.498	ng	99
31) Naphthalene	10.907	128	4490759	36.980	ng	100
32) Benzoic acid	10.148	122	815848	39.883	ng	100
33) 4-Chloroaniline	11.013	127	2078270	39.101	ng	99
34) Hexachlorobutadiene	11.195	225	742815	37.485	ng	98
35) Caprolactam	11.789	113	426546	44.641	ng	93
36) 4-Chloro-3-methylphenol	12.124	107	1361602	40.056	ng	100
37) 2-Methylnaphthalene	12.507	142	3276022	37.870	ng	99
38) 1-Methylnaphthalene	12.724	142	3098890	38.027	ng	100
40) 1,2,4,5-Tetrachloroben...	12.871	216	1535610	36.667	ng	100
41) Hexachlorocyclopentadiene	12.854	237	724284	38.863	ng	100
43) 2,4,6-Trichlorophenol	13.107	196	1008144	39.402	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.177	196	1199486	39.734	ng	98
46) 1,1'-Biphenyl	13.513	154	4239197	36.862	ng	100
47) 2-Chloronaphthalene	13.554	162	3155491	36.992	ng	99
48) 2-Nitroaniline	13.748	65	809432	38.715	ng	99
49) Acenaphthylene	14.395	152	5185623	37.697	ng	99
50) Dimethylphthalate	14.130	163	4137700	38.220	ng	100
51) 2,6-Dinitrotoluene	14.242	165	820451	37.429	ng	97
52) Acenaphthene	14.736	154	3366876	37.570	ng	99
53) 3-Nitroaniline	14.571	138	967652	38.205	ng	97
54) 2,4-Dinitrophenol	14.771	184	320007	41.912	ng	99
55) Dibenzofuran	15.071	168	4998849	37.422	ng	99
56) 4-Nitrophenol	14.865	139	772922	41.144	ng	99
57) 2,4-Dinitrotoluene	15.024	165	1095903	38.019	ng	96
58) Fluorene	15.718	166	4512488	38.445	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.289	232	998318	40.213	ng	98
60) Diethylphthalate	15.495	149	4365202	39.107	ng	100
61) 4-Chlorophenyl-phenyle...	15.712	204	2220952	38.130	ng	99
62) 4-Nitroaniline	15.730	138	1077143	39.277	ng	98
63) Azobenzene	16.007	77	3927078	36.774	ng	99
65) 4,6-Dinitro-2-methylph...	15.789	198	488465	40.771	ng	99
66) n-Nitrosodiphenylamine	15.924	169	3622389	37.143	ng	99
67) 4-Bromophenyl-phenylether	16.606	248	1225305	37.212	ng	98
68) Hexachlorobenzene	16.718	284	1436141	37.044	ng	98
69) Atrazine	16.877	200	1041201	41.781	ng	100
70) Pentachlorophenol	17.059	266	967269	38.597	ng	99
71) Phenanthrene	17.459	178	6278060	37.578	ng	100
72) Anthracene	17.548	178	6484395	38.784	ng	99
73) Carbazole	17.812	167	5827424	38.618	ng	99
74) Di-n-butylphthalate	18.389	149	7417084	43.602	ng	100
75) Fluoranthene	19.465	202	6921777	41.258	ng	99
77) Benzidine	19.647	184	2011105	51.880	ng	99
78) Pyrene	19.824	202	7414137	36.232	ng	100
80) Butylbenzylphthalate	20.724	149	2925327	39.845	ng	98
81) Benzo(a)anthracene	21.571	228	7548804	38.122	ng	100
82) 3,3'-Dichlorobenzidine	21.500	252	2367433	38.730	ng	99
83) Chrysene	21.624	228	7125500	38.200	ng	100
84) Bis(2-ethylhexyl)phtha...	21.506	149	5256400	38.516	ng	100
85) Di-n-octyl phthalate	22.459	149	7575932	39.154	ng	99
87) Indeno(1,2,3-cd)pyrene	26.635	276	7409941	34.566	ng	100
88) Benzo(b)fluoranthene	23.300	252	6642006	33.586	ng	100
89) Benzo(k)fluoranthene	23.353	252	7222238	33.851	ng	99
90) Benzo(a)pyrene	23.941	252	6284511	34.381	ng	100
91) Dibenzo(a,h)anthracene	26.647	278	6482562	34.863	ng	100
92) Benzo(g,h,i)perylene	27.418	276	5383610	33.618	ng	100

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

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