Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042123\
Data File : BM039550.D
Acq On : 21 Apr 2023 13:42
Operator : CG/JU
Sample : 02270-02MSD
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SB-17-7-9-20230410MSD

Quant Time: Apr 22 01:43:47 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM041723.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 21 12:46:01 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.819	152	188795	20.000	ng		0.00
21) Naphthalene-d8	10.625	136	736280	20.000	ng		0.00
39) Acenaphthene-d10	14.477	164	386223	20.000	ng		0.00
64) Phenanthrene-d10	17.224	188	681538	20.000	ng		0.00
76) Chrysene-d12	21.418	240	490155	20.000	ng		0.00
86) Perylene-d12	23.783	264	519800	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.390	112	993870	86.009	ng		0.00
7) Phenol-d6	7.001	99	1318590	77.646	ng		0.00
23) Nitrobenzene-d5	8.989	82	834758	55.520	ng		0.00
42) 2,4,6-Tribromophenol	15.971	330	322975	64.443	ng		0.00
45) 2-Fluorobiphenyl	13.095	172	1688202	60.479	ng		0.00
79) Terphenyl-d14	19.859	244	1822900	67.093	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.249	88	247820	51.913	ng		98
3) Pyridine	3.655	79	589624	41.953	ng		98
4) n-Nitrosodimethylamine	3.572	42	305344	53.291	ng		97
6) Aniline	7.160	93	628577	29.338	ng		98
8) 2-Chlorophenol	7.384	128	652886	49.821	ng		99
9) Benzaldehyde	6.960	77	393873	44.981	ng		100
10) Phenol	7.031	94	823040	49.406	ng		98
11) bis(2-Chloroethyl)ether	7.248	93	694242	48.592	ng		99
12) 1,3-Dichlorobenzene	7.701	146	715653	52.410	ng		99
13) 1,4-Dichlorobenzene	7.854	146	715039	52.233	ng		99
14) 1,2-Dichlorobenzene	8.166	146	688451	50.638	ng		99
15) Benzyl Alcohol	8.072	79	556007	44.919	ng		98
16) 2,2'-oxybis(1-Chloropr...	8.354	45	943966	46.836	ng		100
17) 2-Methylphenol	8.284	107	523393	42.551	ng		99
18) Hexachloroethane	8.895	117	281800	51.773	ng		99
19) n-Nitroso-di-n-propyla...	8.637	70	513213	39.940	ng		99
20) 3+4-Methylphenols	8.613	107	707081	41.819	ng		98
22) Acetophenone	8.654	105	970259	49.729	ng	#	99
24) Nitrobenzene	9.037	77	734947	49.631	ng		99
25) Isophorone	9.560	82	1354214	43.489	ng		100
26) 2-Nitrophenol	9.742	139	336311	50.328	ng		97
27) 2,4-Dimethylphenol	9.813	122	551900	47.791	ng		98
28) bis(2-Chloroethoxy)met...	10.042	93	837602	47.321	ng		100
29) 2,4-Dichlorophenol	10.289	162	551659	49.335	ng		99
30) 1,2,4-Trichlorobenzene	10.489	180	615402	51.998	ng		99
31) Naphthalene	10.678	128	1930805	48.533	ng		100
32) Benzoic acid	9.989	122	362098	39.981	ng		99
33) 4-Chloroaniline	10.813	127	319511	19.011	ng		99
34) Hexachlorobutadiene	10.954	225	371578	52.867	ng		99
35) Caprolactam	11.607	113	150512	33.751	ng		98
36) 4-Chloro-3-methylphenol	11.942	107	573065	42.105	ng		99
37) 2-Methylnaphthalene	12.289	142	1262899	43.196	ng		99
38) 1-Methylnaphthalene	12.513	142	1174003	42.613	ng		99
40) 1,2,4,5-Tetrachloroben...	12.660	216	640819	56.885	ng		98
41) Hexachlorocyclopentadiene	12.630	237	829856	130.147	ng		97
43) 2,4,6-Trichlorophenol	12.913	196	407849	52.553	ng		98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.989	196	430882	46.979	ng	98
46) 1,1'-Biphenyl	13.307	154	1587653	53.358	ng	99
47) 2-Chloronaphthalene	13.348	162	1205249	54.488	ng	100
48) 2-Nitroaniline	13.572	65	346060	45.753	ng	99
49) Acenaphthylene	14.201	152	1823641	48.199	ng	99
50) Dimethylphthalate	13.942	163	1384021	44.269	ng	100
51) 2,6-Dinitrotoluene	14.066	165	294818	44.355	ng	93
52) Acenaphthene	14.542	154	1091035	48.702	ng	99
53) 3-Nitroaniline	14.401	138	255879	37.727	ng	100
54) 2,4-Dinitrophenol	14.613	184	329290	79.084	ng	96
55) Dibenzofuran	14.877	168	1702431	47.293	ng	100
56) 4-Nitrophenol	14.724	139	417609	75.982	ng	96
57) 2,4-Dinitrotoluene	14.860	165	378992	41.715	ng	93
58) Fluorene	15.524	166	1328531	45.504	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.107	232	342093	45.285	ng	100
60) Diethylphthalate	15.307	149	1362960	42.050	ng	99
61) 4-Chlorophenyl-phenyle...	15.518	204	675197	46.658	ng	98
62) 4-Nitroaniline	15.566	138	217352	33.722	ng	97
63) Azobenzene	15.813	77	1468588	46.496	ng	96
65) 4,6-Dinitro-2-methylph...	15.624	198	215098	50.403	ng	98
66) n-Nitrosodiphenylamine	15.742	169	1080121	52.273	ng	98
67) 4-Bromophenyl-phenylether	16.418	248	379777	52.936	ng	97
68) Hexachlorobenzene	16.530	284	426779	54.783	ng	99
69) Atrazine	16.695	200	353671	51.021	ng	99
70) Pentachlorophenol	16.883	266	495197	91.026	ng	99
71) Phenanthrene	17.271	178	1830878	49.540	ng	99
72) Anthracene	17.360	178	1845274	48.675	ng	100
73) Carbazole	17.642	167	1565262	45.396	ng	100
74) Di-n-butylphthalate	18.201	149	2178676	45.456	ng	99
75) Fluoranthene	19.289	202	1888470	42.118	ng	100
77) Benzidine	19.489	184	506993	45.647	ng	99
78) Pyrene	19.653	202	1942126	53.878	ng	99
80) Butylbenzylphthalate	20.553	149	841282	47.066	ng	98
81) Benzo(a)anthracene	21.406	228	1645984	47.287	ng	99
82) 3,3'-Dichlorobenzidine	21.342	252	523766	45.584	ng	99
83) Chrysene	21.459	228	1559791	46.232	ng	100
84) Bis(2-ethylhexyl)phtha...	21.330	149	1251680	45.938	ng	99
85) Di-n-octyl phthalate	22.242	149	2016256	43.032	ng	99
87) Indeno(1,2,3-cd)pyrene	26.230	276	2099131	54.957	ng	100
88) Benzo(b)fluoranthene	23.065	252	1620063	51.118	ng	99
89) Benzo(k)fluoranthene	23.112	252	1608768	48.553	ng	99
90) Benzo(a)pyrene	23.677	252	1438231	45.661	ng	99
91) Dibenzo(a,h)anthracene	26.241	278	1754219	55.254	ng	99
92) Benzo(g,h,i)perylene	26.982	276	1754327	55.749	ng	99

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

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