Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM060823\
Data File : BM040158.D
Acq On : 08 Jun 2023 14:51
Operator : MA/JU
Sample : SSTDICV040
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
ICVBM060823

Quant Time: Jun 08 23:27:06 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	7.992	152	376899	20.000	ng		0.00
21) Naphthalene-d8	10.804	136	1625111	20.000	ng		0.00
39) Acenaphthene-d10	14.633	164	950707	20.000	ng		0.00
64) Phenanthrene-d10	17.374	188	1895748	20.000	ng	#	0.00
76) Chrysene-d12	21.550	240	1854769	20.000	ng		0.00
86) Perylene-d12	23.991	264	1907168	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.540	112	1951958	77.330	ng		0.00
7) Phenol-d6	7.151	99	2579864	74.902	ng		0.00
23) Nitrobenzene-d5	9.163	82	2329061	77.571	ng		0.00
42) 2,4,6-Tribromophenol	16.116	330	1192101	83.341	ng		0.00
45) 2-Fluorobiphenyl	13.257	172	5731585	79.683	ng		0.00
79) Terphenyl-d14	19.992	244	8936191	88.814	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.399	88	376027	37.514	ng		97
3) Pyridine	3.805	79	1092666	38.005	ng		97
4) n-Nitrosodimethylamine	3.716	42	422662	36.260	ng		92
6) Aniline	7.316	93	1578777	37.873	ng		98
8) 2-Chlorophenol	7.551	128	1048081	39.270	ng		97
9) Benzaldehyde	7.122	77	637424	34.753	ng		99
10) Phenol	7.175	94	1266202	37.379	ng		98
11) bis(2-Chloroethyl)ether	7.410	93	1011110	37.038	ng		97
12) 1,3-Dichlorobenzene	7.881	146	1058308	39.444	ng		97
13) 1,4-Dichlorobenzene	8.028	146	1078699	39.347	ng		98
14) 1,2-Dichlorobenzene	8.345	146	1075634	39.868	ng		99
15) Benzyl Alcohol	8.234	79	867516	38.165	ng		98
16) 2,2'-oxybis(1-Chloropr...	8.528	45	1269618	36.481	ng		97
17) 2-Methylphenol	8.434	107	945986	39.193	ng		99
18) Hexachloroethane	9.081	117	394488	40.188	ng		96
19) n-Nitroso-di-n-propyla...	8.804	70	808298	38.626	ng		97
20) 3+4-Methylphenols	8.763	107	1290710	39.171	ng		98
22) Acetophenone	8.822	105	1640125	38.646	ng	#	97
24) Nitrobenzene	9.204	77	1184183	38.318	ng		96
25) Isophorone	9.728	82	2232005	39.366	ng		98
26) 2-Nitrophenol	9.916	139	564402	43.951	ng		96
27) 2,4-Dimethylphenol	9.975	122	1011580	40.262	ng		97
28) bis(2-Chloroethoxy)met...	10.216	93	1414129	38.635	ng		99
29) 2,4-Dichlorophenol	10.451	162	973191	42.231	ng		97
30) 1,2,4-Trichlorobenzene	10.669	180	966987	41.425	ng		99
31) Naphthalene	10.857	128	3443734	39.342	ng		100
32) Benzoic acid	10.116	122	763032	40.846	ng		95
33) 4-Chloroaniline	10.963	127	1580648	40.546	ng		97
34) Hexachlorobutadiene	11.139	225	518614	42.355	ng		99
35) Caprolactam	11.757	113	335652	42.414	ng		90
36) 4-Chloro-3-methylphenol	12.086	107	1062991	39.722	ng		95
37) 2-Methylnaphthalene	12.463	142	2382624	39.363	ng		98
38) 1-Methylnaphthalene	12.680	142	2251802	39.449	ng		100
40) 1,2,4,5-Tetrachloroben...	12.827	216	1040557	41.285	ng		98
41) Hexachlorocyclopentadiene	12.810	237	571928	43.517	ng		98
43) 2,4,6-Trichlorophenol	13.063	196	738257	42.704	ng		98

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44) 2,4,5-Trichlorophenol	13.133	196	883568	42.341	ng		97
46) 1,1'-Biphenyl	13.469	154	3019333	39.607	ng		98
47) 2-Chloronaphthalene	13.510	162	2282269	40.301	ng		98
48) 2-Nitroaniline	13.716	65	675006	39.753	ng		89
49) Acenaphthylene	14.351	152	3803649	40.510	ng		100
50) Dimethylphthalate	14.092	163	2949618	39.778	ng		99
51) 2,6-Dinitrotoluene	14.204	165	631725	42.508	ng		93
52) Acenaphthene	14.692	154	2292796	39.591	ng		99
53) 3-Nitroaniline	14.533	138	775618	41.832	ng		93
54) 2,4-Dinitrophenol	14.739	184	335677	39.851	ng	#	85
55) Dibenzofuran	15.027	168	3592933	39.660	ng		98
56) 4-Nitrophenol	14.833	139	632193	42.098	ng		93
57) 2,4-Dinitrotoluene	14.992	165	857999	43.261	ng	#	85
58) Fluorene	15.674	166	3007588	39.662	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.251	232	691872	42.403	ng		94
60) Diethylphthalate	15.451	149	3022258	40.171	ng		98
61) 4-Chlorophenyl-phenyle...	15.668	204	1443400	40.723	ng		98
62) 4-Nitroaniline	15.698	138	827750	41.909	ng		94
63) Azobenzene	15.963	77	2749903	37.593	ng		94
65) 4,6-Dinitro-2-methylph...	15.751	198	457231	43.000	ng		91
66) n-Nitrosodiphenylamine	15.886	169	2526636	40.692	ng		98
67) 4-Bromophenyl-phenylether	16.563	248	799427	41.987	ng		96
68) Hexachlorobenzene	16.674	284	906139	41.497	ng		98
69) Atrazine	16.833	200	720418	42.454	ng		98
70) Pentachlorophenol	17.021	266	660350	41.196	ng		99
71) Phenanthrene	17.415	178	4389882	39.742	ng		99
72) Anthracene	17.510	178	4549270	41.283	ng		99
73) Carbazole	17.774	167	4261157	40.540	ng		99
74) Di-n-butylphthalate	18.339	149	4969038	42.152	ng		99
75) Fluoranthene	19.427	202	4785124	40.823	ng		99
77) Benzidine	19.609	184	1783732	51.208	ng		99
78) Pyrene	19.792	202	5170834	41.808	ng		100
80) Butylbenzylphthalate	20.686	149	2213040	44.270	ng		90
81) Benzo(a)anthracene	21.539	228	5248884	41.500	ng		100
82) 3,3'-Dichlorobenzidine	21.468	252	1860388	44.258	ng		99
83) Chrysene	21.592	228	4965024	41.438	ng		99
84) Bis(2-ethylhexyl)phtha...	21.456	149	3234546	43.814	ng		99
85) Di-n-octyl phthalate	22.397	149	5391984	44.978	ng		97
87) Indeno(1,2,3-cd)pyrene	26.538	276	5840631	40.843	ng		98
88) Benzo(b)fluoranthene	23.250	252	4769820	41.295	ng		99
89) Benzo(k)fluoranthene	23.297	252	5234024	43.356	ng		99
90) Benzo(a)pyrene	23.886	252	4656764	42.216	ng		99
91) Dibenzo(a,h)anthracene	26.550	278	5038632	40.816	ng		99
92) Benzo(g,h,i)perylene	27.315	276	4256045	40.136	ng		99

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

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