Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM091823\
Data File : BM041893.D
Acq On : 18 Sep 2023 13:15
Operator : MA/JU
Sample : SSTDICCC040
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

Quant Time: Sep 18 15:27:54 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM091823.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Sep 18 15:23:28 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.969	152	320781	20.000	ng	0.00
21) Naphthalene-d8	10.786	136	1407145	20.000	ng	0.00
39) Acenaphthene-d10	14.616	164	895651	20.000	ng	0.00
64) Phenanthrene-d10	17.368	188	1931662	20.000	ng	0.00
76) Chrysene-d12	21.545	240	1665466	20.000	ng	0.00
86) Perylene-d12	23.962	264	1705802	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	1523799	78.915	ng	0.00
7) Phenol-d6	7.110	99	2148410	81.466	ng	0.00
23) Nitrobenzene-d5	9.163	82	2233843	75.772	ng	0.00
42) 2,4,6-Tribromophenol	16.110	330	895853	64.411	ng	0.00
45) 2-Fluorobiphenyl	13.233	172	4871747	73.406	ng	0.00
79) Terphenyl-d14	19.974	244	7547906	79.755	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.410	88	305654	37.368	ng	100
3) Pyridine	3.822	79	969719	43.934	ng	100
4) n-Nitrosodimethylamine	3.746	42	466203	45.366	ng	100
6) Aniline	7.310	93	1418127	44.574	ng	100
8) 2-Chlorophenol	7.522	128	855940	42.271	ng	100
9) Benzaldehyde	7.128	77	585533	39.795	ng	100
10) Phenol	7.140	94	1093644	42.608	ng	100
11) bis(2-Chloroethyl)ether	7.398	93	913456	44.038	ng	100
12) 1,3-Dichlorobenzene	7.845	146	910522	40.689	ng	100
13) 1,4-Dichlorobenzene	8.004	146	922484	40.800	ng	100
14) 1,2-Dichlorobenzene	8.316	146	888458	40.753	ng	100
15) Benzyl Alcohol	8.216	79	854920	45.129	ng	100
16) 2,2'-oxybis(1-Chloropr...	8.475	45	1390441	53.473	ng	100
17) 2-Methylphenol	8.398	107	803913	43.554	ng	100
18) Hexachloroethane	9.034	117	348840	40.582	ng	100
19) n-Nitroso-di-n-propyla...	8.781	70	816074	44.429	ng	100
20) 3+4-Methylphenols	8.734	107	1111045	43.751	ng	100
22) Acetophenone	8.810	105	1419807	38.899	ng	100
24) Nitrobenzene	9.204	77	1112467	37.844	ng	100
25) Isophorone	9.716	82	2209834	40.693	ng	100
26) 2-Nitrophenol	9.904	139	506672	39.429	ng	100
27) 2,4-Dimethylphenol	9.939	122	890586	42.447	ng	100
28) bis(2-Chloroethoxy)met...	10.198	93	1285579	40.560	ng	100
29) 2,4-Dichlorophenol	10.422	162	872444	38.527	ng	100
30) 1,2,4-Trichlorobenzene	10.634	180	879837	35.336	ng	100
31) Naphthalene	10.839	128	2835474	38.698	ng	100
32) Benzoic acid	10.087	122	733861	43.431	ng	100
33) 4-Chloroaniline	10.963	127	1274279	40.982	ng	100
34) Hexachlorobutadiene	11.063	225	536415	32.876	ng	100
35) Caprolactam	11.804	113	316196	44.092	ng	100
36) 4-Chloro-3-methylphenol	12.057	107	971311	40.086	ng	100
37) 2-Methylnaphthalene	12.439	142	2088362	39.117	ng	100
38) 1-Methylnaphthalene	12.663	142	1963469	38.985	ng	100
40) 1,2,4,5-Tetrachloroben...	12.792	216	1039189	35.912	ng	100
41) Hexachlorocyclopentadiene	12.739	237	603866	43.865	ng	100
43) 2,4,6-Trichlorophenol	13.039	196	712632	36.759	ng	100

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44) 2,4,5-Trichlorophenol	13.110	196	837032	37.209	ng	100
46) 1,1'-Biphenyl	13.451	154	2652566	39.160	ng	100
47) 2-Chloronaphthalene	13.498	162	1934609	37.404	ng	100
48) 2-Nitroaniline	13.727	65	707318	41.528	ng	100
49) Acenaphthylene	14.345	152	3224350	38.367	ng	100
50) Dimethylphthalate	14.074	163	2653178	37.970	ng	100
51) 2,6-Dinitrotoluene	14.216	165	568647	38.086	ng	100
52) Acenaphthene	14.680	154	1921261	38.199	ng	100
53) 3-Nitroaniline	14.557	138	645310	42.668	ng	100
54) 2,4-Dinitrophenol	14.757	184	356485	38.209	ng	100
55) Dibenzofuran	15.016	168	3076838	36.666	ng	100
56) 4-Nitrophenol	14.833	139	510709	44.301	ng	100
57) 2,4-Dinitrotoluene	14.998	165	767407	37.647	ng	100
58) Fluorene	15.663	166	2415137	35.977	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.227	232	683608	35.905	ng	100
60) Diethylphthalate	15.421	149	2643542	37.906	ng	100
61) 4-Chlorophenyl-phenyle...	15.651	204	1280177	35.416	ng	100
62) 4-Nitroaniline	15.721	138	624045	44.941	ng	100
63) Azobenzene	15.951	77	2697044	38.469	ng	100
65) 4,6-Dinitro-2-methylph...	15.751	198	466368	38.085	ng	100
66) n-Nitrosodiphenylamine	15.874	169	2173930	38.319	ng	100
67) 4-Bromophenyl-phenylether	16.551	248	800602	36.475	ng	100
68) Hexachlorobenzene	16.639	284	836965	35.086	ng	100
69) Atrazine	16.821	200	656642	40.457	ng	100
70) Pentachlorophenol	16.992	266	649597	38.519	ng	100
71) Phenanthrene	17.410	178	3807208	37.500	ng	100
72) Anthracene	17.504	178	3936233	38.172	ng	100
73) Carbazole	17.786	167	3604025	39.141	ng	100
74) Di-n-butylphthalate	18.304	149	4684769	40.301	ng	100
75) Fluoranthene	19.421	202	4528365	37.394	ng	100
77) Benzidine	19.621	184	1281730	60.877	ng	100
78) Pyrene	19.786	202	4684810	39.658	ng	100
80) Butylbenzylphthalate	20.656	149	2111486	43.741	ng	100
81) Benzo(a)anthracene	21.527	228	4364547	38.394	ng	100
82) 3,3'-Dichlorobenzidine	21.462	252	1563381	41.992	ng	100
83) Chrysene	21.580	228	4082599	37.806	ng	100
84) Bis(2-ethylhexyl)phtha...	21.403	149	3117087	44.900	ng	100
85) Di-n-octyl phthalate	22.333	149	5276726	45.848	ng	100
87) Indeno(1,2,3-cd)pyrene	26.480	276	4046507	36.636	ng	100
88) Benzo(b)fluoranthene	23.215	252	4049682	39.797	ng	100
89) Benzo(k)fluoranthene	23.268	252	3899917	37.971	ng	100
90) Benzo(a)pyrene	23.856	252	3760451	38.789	ng	100
91) Dibenzo(a,h)anthracene	26.497	278	3396960	36.542	ng	100
92) Benzo(g,h,i)perylene	27.268	276	3221249	36.055	ng	100

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

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