Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM091923\
Data File : BM041910.D
Acq On : 19 Sep 2023 18:58
Operator : MA/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040EC

Quant Time: Sep 20 02:10:07 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM091823.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 19 04:49:34 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.963	152	301050	20.000	ng		0.00
21) Naphthalene-d8	10.786	136	1329399	20.000	ng		0.00
39) Acenaphthene-d10	14.610	164	836113	20.000	ng		0.00
64) Phenanthrene-d10	17.362	188	1822339	20.000	ng		0.00
76) Chrysene-d12	21.539	240	1644628	20.000	ng		0.00
86) Perylene-d12	23.956	264	1767528	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.498	112	1451821	80.324	ng		0.00
7) Phenol-d6	7.110	99	2053098	81.810	ng		0.00
23) Nitrobenzene-d5	9.163	82	2123293	81.321	ng		0.00
42) 2,4,6-Tribromophenol	16.110	330	836028	80.139	ng		0.00
45) 2-Fluorobiphenyl	13.233	172	4616693	81.044	ng		0.00
79) Terphenyl-d14	19.974	244	7265791	80.463	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.410	88	295230	40.046	ng		99
3) Pyridine	3.816	79	919225	40.137	ng		99
4) n-Nitrosodimethylamine	3.746	42	450682	41.400	ng		98
6) Aniline	7.304	93	1335367	40.163	ng		99
8) 2-Chlorophenol	7.522	128	812451	40.374	ng		98
9) Benzaldehyde	7.128	77	588877	41.506	ng		98
10) Phenol	7.140	94	1046250	40.615	ng		100
11) bis(2-Chloroethyl)ether	7.398	93	862488	40.139	ng		99
12) 1,3-Dichlorobenzene	7.845	146	857753	39.920	ng		99
13) 1,4-Dichlorobenzene	8.004	146	865258	39.632	ng		99
14) 1,2-Dichlorobenzene	8.316	146	838403	39.951	ng		99
15) Benzyl Alcohol	8.216	79	813827	41.076	ng		99
16) 2,2'-oxybis(1-Chloropr...	8.492	45	1322273	40.237	ng		99
17) 2-Methylphenol	8.392	107	765858	40.886	ng		98
18) Hexachloroethane	9.034	117	325843	39.706	ng		98
19) n-Nitroso-di-n-propyla...	8.781	70	767926	41.164	ng		99
20) 3+4-Methylphenols	8.728	107	1053099	40.959	ng		98
22) Acetophenone	8.810	105	1344717	40.463	ng	#	99
24) Nitrobenzene	9.204	77	1058311	40.836	ng		100
25) Isophorone	9.710	82	2057823	39.931	ng		100
26) 2-Nitrophenol	9.904	139	478680	41.009	ng		99
27) 2,4-Dimethylphenol	9.933	122	836410	39.843	ng		98
28) bis(2-Chloroethoxy)met...	10.192	93	1208514	40.124	ng		99
29) 2,4-Dichlorophenol	10.422	162	823617	40.541	ng		100
30) 1,2,4-Trichlorobenzene	10.633	180	833162	39.945	ng		99
31) Naphthalene	10.833	128	2662922	39.789	ng		100
32) Benzoic acid	10.081	122	676223	40.884	ng		99
33) 4-Chloroaniline	10.963	127	1204941	40.225	ng		99
34) Hexachlorobutadiene	11.063	225	504162	39.573	ng		99
35) Caprolactam	11.798	113	294989	40.627	ng		99
36) 4-Chloro-3-methylphenol	12.057	107	911509	40.260	ng		99
37) 2-Methylnaphthalene	12.439	142	1970397	40.042	ng		99
38) 1-Methylnaphthalene	12.657	142	1842842	39.875	ng		100
40) 1,2,4,5-Tetrachloroben...	12.786	216	985131	40.627	ng		100
41) Hexachlorocyclopentadiene	12.739	237	538936	39.528	ng		99
43) 2,4,6-Trichlorophenol	13.039	196	676271	40.981	ng		99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.104	196	786651	40.732	ng	98
46) 1,1'-Biphenyl	13.445	154	2503376	40.580	ng	100
47) 2-Chloronaphthalene	13.498	162	1811600	40.324	ng	99
48) 2-Nitroaniline	13.721	65	676118	42.117	ng	98
49) Acenaphthylene	14.345	152	3015603	40.447	ng	100
50) Dimethylphthalate	14.074	163	2485389	40.208	ng	99
51) 2,6-Dinitrotoluene	14.216	165	536562	40.961	ng	97
52) Acenaphthene	14.680	154	1804465	40.239	ng	100
53) 3-Nitroaniline	14.551	138	602971	41.126	ng	98
54) 2,4-Dinitrophenol	14.751	184	337799	41.290	ng	98
55) Dibenzofuran	15.010	168	2919548	40.333	ng	100
56) 4-Nitrophenol	14.833	139	484622	41.677	ng	98
57) 2,4-Dinitrotoluene	14.998	165	722368	41.681	ng	99
58) Fluorene	15.663	166	2297966	40.267	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.227	232	645410	40.715	ng	99
60) Diethylphthalate	15.421	149	2488090	40.465	ng	100
61) 4-Chlorophenyl-phenyle...	15.651	204	1202154	40.153	ng	99
62) 4-Nitroaniline	15.721	138	589074	41.781	ng	99
63) Azobenzene	15.945	77	2548832	40.889	ng	99
65) 4,6-Dinitro-2-methylph...	15.745	198	443784	42.408	ng	99
66) n-Nitrosodiphenylamine	15.874	169	2054190	39.912	ng	100
67) 4-Bromophenyl-phenylether	16.545	248	744334	39.636	ng	98
68) Hexachlorobenzene	16.633	284	791374	39.801	ng	98
69) Atrazine	16.815	200	614167	38.266	ng	100
70) Pentachlorophenol	16.992	266	608451	40.502	ng	98
71) Phenanthrene	17.409	178	3633130	39.975	ng	100
72) Anthracene	17.498	178	3727820	40.208	ng	100
73) Carbazole	17.780	167	3417915	40.205	ng	99
74) Di-n-butylphthalate	18.304	149	4398798	40.305	ng	100
75) Fluoranthene	19.415	202	4336162	40.639	ng	100
77) Benzidine	19.615	184	1266218	37.719	ng	99
78) Pyrene	19.786	202	4484207	39.185	ng	99
80) Butylbenzylphthalate	20.656	149	2023677	39.760	ng	97
81) Benzo(a)anthracene	21.521	228	4296376	40.054	ng	100
82) 3,3'-Dichlorobenzidine	21.462	252	1550063	41.034	ng	100
83) Chrysene	21.580	228	3999550	39.781	ng	100
84) Bis(2-ethylhexyl)phtha...	21.403	149	2990644	39.608	ng	99
85) Di-n-octyl phthalate	22.333	149	5114025	40.237	ng	100
87) Indeno(1,2,3-cd)pyrene	26.474	276	4303377	40.777	ng	100
88) Benzo(b)fluoranthene	23.215	252	4098034	39.712	ng	100
89) Benzo(k)fluoranthene	23.262	252	3993271	39.160	ng	100
90) Benzo(a)pyrene	23.850	252	3863284	39.897	ng	99
91) Dibenzo(a,h)anthracene	26.485	278	3613732	41.074	ng	99
92) Benzo(g,h,i)perylene	27.256	276	3440114	40.923	ng	99

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

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