Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042123\
Data File : BM039554.D
Acq On : 21 Apr 2023 16:47
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Quant Time: Apr 22 01:45:05 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	161956	20.000	ng		0.00
21) Naphthalene-d8	10.625	136	615526	20.000	ng		0.00
39) Acenaphthene-d10	14.477	164	351854	20.000	ng		0.00
64) Phenanthrene-d10	17.230	188	704234	20.000	ng		0.00
76) Chrysene-d12	21.424	240	632818	20.000	ng		0.00
86) Perylene-d12	23.783	264	685556	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.384	112	870167	87.783	ng		0.00
7) Phenol-d6	7.001	99	1136451	78.010	ng		0.00
23) Nitrobenzene-d5	8.995	82	1094314	87.062	ng		0.00
42) 2,4,6-Tribromophenol	15.971	330	362121	79.311	ng		0.00
45) 2-Fluorobiphenyl	13.101	172	2233883	87.845	ng		0.00
79) Terphenyl-d14	19.859	244	3016363	85.990	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.249	88	189926	46.379	ng		99
3) Pyridine	3.655	79	511075	42.390	ng		96
4) n-Nitrosodimethylamine	3.572	42	217324	44.214	ng		94
6) Aniline	7.148	93	693091	37.710	ng		97
8) 2-Chlorophenol	7.384	128	442185	39.334	ng		97
9) Benzaldehyde	6.960	77	261364	34.795	ng		98
10) Phenol	7.025	94	557742	39.028	ng		97
11) bis(2-Chloroethyl)ether	7.248	93	476573	38.884	ng		99
12) 1,3-Dichlorobenzene	7.707	146	476906	40.713	ng		99
13) 1,4-Dichlorobenzene	7.854	146	475618	40.501	ng		99
14) 1,2-Dichlorobenzene	8.172	146	460761	39.507	ng		99
15) Benzyl Alcohol	8.072	79	365286	34.401	ng		97
16) 2,2'-oxybis(1-Chloropr...	8.354	45	664267	38.420	ng		98
17) 2-Methylphenol	8.278	107	389196	36.884	ng		98
18) Hexachloroethane	8.895	117	188046	40.274	ng		99
19) n-Nitroso-di-n-propyla...	8.637	70	376448	34.151	ng		98
20) 3+4-Methylphenols	8.613	107	526395	36.292	ng		99
22) Acetophenone	8.654	105	682866	41.866	ng	#	99
24) Nitrobenzene	9.037	77	546233	44.124	ng		99
25) Isophorone	9.560	82	1008364	38.735	ng		100
26) 2-Nitrophenol	9.748	139	229386	41.061	ng		95
27) 2,4-Dimethylphenol	9.813	122	392381	40.643	ng		99
28) bis(2-Chloroethoxy)met...	10.048	93	602519	40.717	ng		100
29) 2,4-Dichlorophenol	10.284	162	386244	41.319	ng		99
30) 1,2,4-Trichlorobenzene	10.489	180	422138	42.665	ng		99
31) Naphthalene	10.678	128	1381994	41.553	ng		100
32) Benzoic acid	9.978	122	238031	32.718	ng		99
33) 4-Chloroaniline	10.801	127	556390	39.600	ng		97
34) Hexachlorobutadiene	10.954	225	255755	43.527	ng		98
35) Caprolactam	11.601	113	123476	33.120	ng		96
36) 4-Chloro-3-methylphenol	11.936	107	429126	37.715	ng		99
37) 2-Methylnaphthalene	12.295	142	965237	39.491	ng		100
38) 1-Methylnaphthalene	12.513	142	895935	38.899	ng		100
40) 1,2,4,5-Tetrachloroben...	12.660	216	454253	44.262	ng		100
41) Hexachlorocyclopentadiene	12.636	237	213243	39.993	ng		96
43) 2,4,6-Trichlorophenol	12.913	196	299198	42.319	ng		99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.989	196	349574	41.837	ng	98
46) 1,1'-Biphenyl	13.307	154	1170639	43.186	ng	99
47) 2-Chloronaphthalene	13.354	162	866191	42.985	ng	99
48) 2-Nitroaniline	13.572	65	283545	41.150	ng	98
49) Acenaphthylene	14.201	152	1432959	41.573	ng	100
50) Dimethylphthalate	13.942	163	1134207	39.822	ng	100
51) 2,6-Dinitrotoluene	14.066	165	240999	39.800	ng	93
52) Acenaphthene	14.542	154	850302	41.664	ng	100
53) 3-Nitroaniline	14.401	138	243243	39.367	ng	97
54) 2,4-Dinitrophenol	14.613	184	111649	33.031	ng	90
55) Dibenzofuran	14.877	168	1363439	41.575	ng	100
56) 4-Nitrophenol	14.730	139	158521	34.811	ng	96
57) 2,4-Dinitrotoluene	14.860	165	318379	38.467	ng	92
58) Fluorene	15.524	166	1085755	40.821	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.107	232	278468	40.463	ng	99
60) Diethylphthalate	15.307	149	1155100	39.118	ng	99
61) 4-Chlorophenyl-phenyle...	15.524	204	544324	41.288	ng	100
62) 4-Nitroaniline	15.566	138	212550	35.993	ng	96
63) Azobenzene	15.818	77	1213653	42.178	ng	98
65) 4,6-Dinitro-2-methylph...	15.624	198	184551	41.851	ng	99
66) n-Nitrosodiphenylamine	15.742	169	916013	42.903	ng	98
67) 4-Bromophenyl-phenylether	16.418	248	318777	43.001	ng	99
68) Hexachlorobenzene	16.530	284	342667	42.568	ng	99
69) Atrazine	16.695	200	293400	40.962	ng	99
70) Pentachlorophenol	16.883	266	235164	41.834	ng	98
71) Phenanthrene	17.271	178	1605183	42.034	ng	100
72) Anthracene	17.360	178	1651152	42.151	ng	100
73) Carbazole	17.642	167	1471387	41.299	ng	100
74) Di-n-butylphthalate	18.201	149	2019277	40.772	ng	100
75) Fluoranthene	19.295	202	1862236	40.194	ng	99
77) Benzidine	19.489	184	463718	32.339	ng	98
78) Pyrene	19.654	202	1940521	41.698	ng	99
80) Butylbenzylphthalate	20.559	149	905027	39.217	ng	97
81) Benzo(a)anthracene	21.406	228	1840510	40.955	ng	99
82) 3,3'-Dichlorobenzidine	21.348	252	591294	39.860	ng	100
83) Chrysene	21.459	228	1763495	40.486	ng	100
84) Bis(2-ethylhexyl)phtha...	21.330	149	1376896	39.141	ng	99
85) Di-n-octyl phthalate	22.242	149	2315840	38.283	ng	98
87) Indeno(1,2,3-cd)pyrene	26.230	276	2076716	41.224	ng	100
88) Benzo(b)fluoranthene	23.065	252	1728841	41.361	ng	99
89) Benzo(k)fluoranthene	23.112	252	1828205	41.835	ng	100
90) Benzo(a)pyrene	23.683	252	1711164	41.191	ng	100
91) Dibenzo(a,h)anthracene	26.241	278	1737443	41.494	ng	100
92) Benzo(g,h,i)perylene	26.982	276	1709038	41.178	ng	99

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

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