Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM033023\
Data File : BM039219.D
Acq On : 30 Mar 2023 09:21
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Quant Time: Mar 30 10:31:31 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM032923.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 30 05:15:45 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.922	152	236891	20.000	ng	0.00
21) Naphthalene-d8	10.733	136	920747	20.000	ng	0.00
39) Acenaphthene-d10	14.569	164	544116	20.000	ng	0.00
64) Phenanthrene-d10	17.315	188	1112834	20.000	ng	0.00
76) Chrysene-d12	21.503	240	1071912	20.000	ng	0.00
86) Perylene-d12	23.915	264	1210891	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	1290509	82.075	ng	0.00
7) Phenol-d6	7.093	99	1634325	80.362	ng	0.00
23) Nitrobenzene-d5	9.092	82	1564630	82.590	ng	0.00
42) 2,4,6-Tribromophenol	16.063	330	564332	81.704	ng	0.00
45) 2-Fluorobiphenyl	13.192	172	3160106	78.690	ng	0.00
79) Terphenyl-d14	19.939	244	4664355	80.395	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.352	88	269310	41.903	ng	99
3) Pyridine	3.757	79	767265	42.615	ng	99
4) n-Nitrosodimethylamine	3.669	42	294501	41.648	ng	99
6) Aniline	7.245	93	1016029	40.365	ng	99
8) 2-Chlorophenol	7.487	128	646573	40.177	ng	100
9) Benzaldehyde	7.057	77	464597	40.114	ng	98
10) Phenol	7.116	94	817444	40.109	ng	99
11) bis(2-Chloroethyl)ether	7.345	93	660560	40.288	ng	100
12) 1,3-Dichlorobenzene	7.810	146	681784	39.947	ng	100
13) 1,4-Dichlorobenzene	7.957	146	687883	39.860	ng	99
14) 1,2-Dichlorobenzene	8.275	146	664106	40.245	ng	99
15) Benzyl Alcohol	8.169	79	555740	39.730	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.451	45	849304	40.498	ng	99
17) 2-Methylphenol	8.375	107	576734	40.447	ng	99
18) Hexachloroethane	9.004	117	269609	40.388	ng	97
19) n-Nitroso-di-n-propyla...	8.739	70	531037	40.848	ng	99
20) 3+4-Methylphenols	8.704	107	777765	40.592	ng	99
22) Acetophenone	8.751	105	999485	40.599	ng	100
24) Nitrobenzene	9.134	77	779994	41.394	ng	100
25) Isophorone	9.663	82	1437542	40.675	ng	100
26) 2-Nitrophenol	9.845	139	350759	40.268	ng	99
27) 2,4-Dimethylphenol	9.910	122	583410	40.311	ng	99
28) bis(2-Chloroethoxy)met...	10.145	93	865592	40.459	ng	100
29) 2,4-Dichlorophenol	10.381	162	574655	40.696	ng	99
30) 1,2,4-Trichlorobenzene	10.598	180	603584	39.954	ng	98
31) Naphthalene	10.786	128	1988385	40.078	ng	100
32) Benzoic acid	10.051	122	440372	39.040	ng	98
33) 4-Chloroaniline	10.898	127	884426	40.690	ng	100
34) Hexachlorobutadiene	11.063	225	356876	40.175	ng	99
35) Caprolactam	11.692	113	196817	40.142	ng	94
36) 4-Chloro-3-methylphenol	12.028	107	625876	40.173	ng	100
37) 2-Methylnaphthalene	12.392	142	1362408	39.446	ng	99
38) 1-Methylnaphthalene	12.616	142	1282217	39.648	ng	100
40) 1,2,4,5-Tetrachloroben...	12.763	216	649871	39.228	ng	99
41) Hexachlorocyclopentadiene	12.739	237	371376	41.034	ng	99
43) 2,4,6-Trichlorophenol	13.004	196	445548	39.436	ng	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.075	196	520997	39.336	ng	99
46) 1,1'-Biphenyl	13.404	154	1695177	39.452	ng	100
47) 2-Chloronaphthalene	13.445	162	1286163	39.533	ng	99
48) 2-Nitroaniline	13.657	65	443602	40.518	ng	96
49) Acenaphthylene	14.292	152	2129241	39.821	ng	99
50) Dimethylphthalate	14.027	163	1657159	39.519	ng	100
51) 2,6-Dinitrotoluene	14.151	165	364765	40.450	ng	99
52) Acenaphthene	14.633	154	1262172	39.976	ng	100
53) 3-Nitroaniline	14.480	138	418285	40.124	ng	98
54) 2,4-Dinitrophenol	14.686	184	220152	41.224	ng	100
55) Dibenzofuran	14.969	168	2029105	39.918	ng	100
56) 4-Nitrophenol	14.792	139	335148	41.692	ng	98
57) 2,4-Dinitrotoluene	14.933	165	503673	41.289	ng	93
58) Fluorene	15.616	166	1617293	40.180	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.192	232	426448	40.473	ng	99
60) Diethylphthalate	15.392	149	1703841	40.369	ng	100
61) 4-Chlorophenyl-phenyle...	15.610	204	799716	40.089	ng	100
62) 4-Nitroaniline	15.645	138	449139	41.984	ng	99
63) Azobenzene	15.904	77	1749080	41.363	ng	99
65) 4,6-Dinitro-2-methylph...	15.698	198	302085	41.262	ng	98
66) n-Nitrosodiphenylamine	15.827	169	1409718	40.200	ng	99
67) 4-Bromophenyl-phenylether	16.504	248	478448	40.258	ng	98
68) Hexachlorobenzene	16.621	284	518254	40.218	ng	99
69) Atrazine	16.780	200	450266	40.540	ng	98
70) Pentachlorophenol	16.968	266	393699	42.584	ng	100
71) Phenanthrene	17.357	178	2464642	40.438	ng	100
72) Anthracene	17.451	178	2542361	40.909	ng	99
73) Carbazole	17.721	167	2388475	41.130	ng	100
74) Di-n-butylphthalate	18.286	149	2956567	41.158	ng	99
75) Fluoranthene	19.374	202	2809976	40.445	ng	99
77) Benzidine	19.562	184	1497082	52.951	ng	100
78) Pyrene	19.739	202	2988058	39.157	ng	99
80) Butylbenzylphthalate	20.633	149	1377001	39.389	ng	97
81) Benzo(a)anthracene	21.486	228	3037970	40.186	ng	99
82) 3,3'-Dichlorobenzidine	21.421	252	1018799	40.455	ng	99
83) Chrysene	21.539	228	2912908	39.914	ng	99
84) Bis(2-ethylhexyl)phtha...	21.409	149	2105473	40.779	ng	100
85) Di-n-octyl phthalate	22.339	149	3683109	39.593	ng	100
87) Indeno(1,2,3-cd)pyrene	26.432	276	3652162	40.935	ng	100
88) Benzo(b)fluoranthene	23.180	252	2982559	40.255	ng	100
89) Benzo(k)fluoranthene	23.227	252	3047404	40.379	ng	99
90) Benzo(a)pyrene	23.809	252	2954084	40.586	ng	100
91) Dibenzo(a,h)anthracene	26.444	278	3070883	40.991	ng	99
92) Benzo(g,h,i)perylene	27.203	276	2986137	40.532	ng	100

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

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