Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM093022\
Data File : BM036807.D
Acq On : 30 Sep 2022 12:05
Operator : CG/JU
Sample : SSTDICC020
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Sep 30 13:23:58 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM093022.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Sep 30 13:20:19 2022
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SSTDICC020

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 10/01/2022
Supervised By :mohammad ahmed 10/03/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.981	152	315405	20.000	ng	0.00
21) Naphthalene-d8	10.792	136	1433061	20.000	ng	0.00
39) Acenaphthene-d10	14.610	164	923558	20.000	ng	0.00
64) Phenanthrene-d10	17.345	188	1939878	20.000	ng	0.00
76) Chrysene-d12	21.515	240	1987173	20.000	ng	0.00
86) Perylene-d12	23.932	264	1993420	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.534	112	728479	39.617	ng	0.00
7) Phenol-d6	7.139	99	1046606	41.514	ng	0.00
23) Nitrobenzene-d5	9.145	82	1114762	40.195	ng	0.00
42) 2,4,6-Tribromophenol	16.092	330	349016	45.446	ng	0.00
45) 2-Fluorobiphenyl	13.239	172	2522119	39.197	ng	0.00
79) Terphenyl-d14	19.956	244	3919527	40.573	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.398	88	156127	19.381	ng	100
3) Pyridine	3.816	79	471960	20.397	ng	98
4) n-Nitrosodimethylamine	3.722	42	190595	19.815	ng	97
6) Aniline	7.304	93	665402	21.669	ng	100
8) 2-Chlorophenol	7.539	128	446999	21.128	ng	99
9) Benzaldehyde	7.116	77	352437m	23.147	ng	
10) Phenol	7.163	94	595412	21.063	ng	99
11) bis(2-Chloroethyl)ether	7.404	93	489028	22.189	ng	99
12) 1,3-Dichlorobenzene	7.869	146	479955	20.729	ng	99
13) 1,4-Dichlorobenzene	8.016	146	499614	20.950	ng	100
14) 1,2-Dichlorobenzene	8.333	146	483671	21.230	ng	99
15) Benzyl Alcohol	8.222	79	412918	22.553	ng	98
16) 2,2'-oxybis(1-Chloropr...	8.510	45	651428	23.449	ng	99
17) 2-Methylphenol	8.422	107	404441	22.256	ng	99
18) Hexachloroethane	9.063	117	178373	21.197	ng	99
19) n-Nitroso-di-n-propyla...	8.792	70	405521	24.276	ng	98
20) 3+4-Methylphenols	8.751	107	561880	22.754	ng	99
22) Acetophenone	8.810	105	753902	20.458	ng	98
24) Nitrobenzene	9.192	77	583288	20.280	ng	99
25) Isophorone	9.722	82	1028887	22.329	ng	100
26) 2-Nitrophenol	9.904	139	215003	22.556	ng	99
27) 2,4-Dimethylphenol	9.957	122	381774	20.562	ng	99
28) bis(2-Chloroethoxy)met...	10.198	93	622059	21.799	ng	100
29) 2,4-Dichlorophenol	10.433	162	416880	20.971	ng	99
30) 1,2,4-Trichlorobenzene	10.651	180	437323	19.935	ng	99
31) Naphthalene	10.839	128	1585097	20.226	ng	100
32) Benzoic acid	10.069	122	282277	21.138	ng	97
33) 4-Chloroaniline	10.951	127	650095	21.223	ng	99
34) Hexachlorobutadiene	11.121	225	245987	20.483	ng	98
35) Caprolactam	11.739	113	148015	23.710	ng	99
36) 4-Chloro-3-methylphenol	12.068	107	497983	22.619	ng	99
37) 2-Methylnaphthalene	12.445	142	1083717	21.525	ng	100
38) 1-Methylnaphthalene	12.663	142	1070225	21.787	ng	99
40) 1,2,4,5-Tetrachloroben...	12.804	216	466618	18.568	ng	100
41) Hexachlorocyclopentadiene	12.786	237	221524	18.303	ng	99
43) 2,4,6-Trichlorophenol	13.045	196	329994	19.917	ng	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.115	196	373012	20.294	ng	99
46) 1,1'-Biphenyl	13.451	154	1369241	19.334	ng	99
47) 2-Chloronaphthalene	13.492	162	1055186	19.232	ng	100
48) 2-Nitroaniline	13.692	65	349401	21.100	ng	99
49) Acenaphthylene	14.333	152	1726148	20.314	ng	99
50) Dimethylphthalate	14.068	163	1387622	22.115	ng	100
51) 2,6-Dinitrotoluene	14.186	165	278921	22.104	ng	93
52) Acenaphthene	14.674	154	1063909	19.919	ng	99
53) 3-Nitroaniline	14.515	138	334362	23.007	ng	98
54) 2,4-Dinitrophenol	14.715	184	127380	22.499	ng	99
55) Dibenzofuran	15.004	168	1675800	20.682	ng	100
56) 4-Nitrophenol	14.809	139	273184	22.143	ng	98
57) 2,4-Dinitrotoluene	14.968	165	374097	24.687	ng	96
58) Fluorene	15.651	166	1409444	21.260	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.227	232	327703	22.351	ng	100
60) Diethylphthalate	15.427	149	1439154	23.872	ng	100
61) 4-Chlorophenyl-phenyle...	15.645	204	630706	21.811	ng	99
62) 4-Nitroaniline	15.674	138	362298	24.529	ng	98
63) Azobenzene	15.939	77	1520431	22.925	ng	99
65) 4,6-Dinitro-2-methylph...	15.727	198	185632	20.807	ng	97
66) n-Nitrosodiphenylamine	15.856	169	1169766	19.148	ng	99
67) 4-Bromophenyl-phenylether	16.539	248	358089	20.096	ng	98
68) Hexachlorobenzene	16.651	284	409788	19.889	ng	96
69) Atrazine	16.809	200	361029	22.767	ng	98
70) Pentachlorophenol	16.992	266	257945	20.937	ng	99
71) Phenanthrene	17.386	178	2210169	19.735	ng	99
72) Anthracene	17.480	178	2104520	20.135	ng	99
73) Carbazole	17.745	167	2041819	20.590	ng	100
74) Di-n-butylphthalate	18.309	149	2571139	25.834	ng	100
75) Fluoranthene	19.392	202	2491624	22.151	ng	99
77) Benzidine	19.580	184	814978	22.792	ng	100
78) Pyrene	19.756	202	2650523	18.476	ng	99
80) Butylbenzylphthalate	20.650	149	1153138	26.979	ng	99
81) Benzo(a)anthracene	21.497	228	2644914	20.638	ng	100
82) 3,3'-Dichlorobenzidine	21.433	252	837878	23.682	ng	99
83) Chrysene	21.556	228	2490472	19.966	ng	99
84) Bis(2-ethylhexyl)phtha...	21.427	149	1807389	32.101	ng	99
85) Di-n-octyl phthalate	22.356	149	2895346	30.262	ng	99
87) Indeno(1,2,3-cd)pyrene	26.450	276	2899365	19.902	ng	100
88) Benzo(b)fluoranthene	23.197	252	2523284	19.970	ng	99
89) Benzo(k)fluoranthene	23.244	252	2480424	19.592	ng	99
90) Benzo(a)pyrene	23.827	252	2054712	20.048	ng	100
91) Dibenzo(a,h)anthracene	26.462	278	2444318	20.248	ng	100
92) Benzo(g,h,i)perylene	27.220	276	2331474	19.432	ng	99

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

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