Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080122\
Data File : BM036030.D
Acq On : 01 Aug 2022 14:25
Operator : CG/JU
Sample : SSTDICC020
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Aug 01 17:41:03 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM080122.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 01 17:32:23 2022
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SSTDICC020

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 08/02/2022
Supervised By :Jagrut Upadhyay 08/02/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.869	152	300899	20.000	ng		0.00
21) Naphthalene-d8	10.674	136	1220970	20.000	ng		0.00
39) Acenaphthene-d10	14.509	164	709503	20.000	ng		0.00
64) Phenanthrene-d10	17.245	188	1413634	20.000	ng		0.00
76) Chrysene-d12	21.427	240	1325743	20.000	ng		0.00
86) Perylene-d12	23.791	264	1317255	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.428	112	821954	44.287	ng		0.00
7) Phenol-d6	7.039	99	1035296	43.839	ng		0.00
23) Nitrobenzene-d5	9.039	82	953583	43.718	ng		0.00
42) 2,4,6-Tribromophenol	15.992	330	357141	42.908	ng		0.00
45) 2-Fluorobiphenyl	13.139	172	2121518	44.149	ng		0.00
79) Terphenyl-d14	19.868	244	3008159	44.755	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.298	88	167090	22.342	ng	#	92
3) Pyridine	3.710	79	445823	22.231	ng		87
4) n-Nitrosodimethylamine	3.622	42	183017	22.208	ng	#	64
6) Aniline	7.198	93	566698	21.670	ng		96
8) 2-Chlorophenol	7.434	128	433417	21.903	ng		96
9) Benzaldehyde	7.010	77	292618	23.405	ng		95
10) Phenol	7.063	94	522181	21.960	ng		90
11) bis(2-Chloroethyl)ether	7.298	93	421870	21.537	ng		95
12) 1,3-Dichlorobenzene	7.757	146	480039	21.891	ng		97
13) 1,4-Dichlorobenzene	7.904	146	493332	22.061	ng		99
14) 1,2-Dichlorobenzene	8.222	146	471706	21.861	ng		99
15) Benzyl Alcohol	8.116	79	340778	21.504	ng		94
16) 2,2'-oxybis(1-Chloropr...	8.410	45	563421	21.631	ng		96
17) 2-Methylphenol	8.316	107	342341	21.749	ng		94
18) Hexachloroethane	8.951	117	175144	21.757	ng		94
19) n-Nitroso-di-n-propyla...	8.686	70	309633	21.585	ng	#	88
20) 3+4-Methylphenols	8.645	107	461229	21.568	ng		96
22) Acetophenone	8.698	105	628626	21.750	ng	#	93
24) Nitrobenzene	9.080	77	452640	22.074	ng		96
25) Isophorone	9.604	82	758966	21.389	ng		98
26) 2-Nitrophenol	9.792	139	202603	20.948	ng		92
27) 2,4-Dimethylphenol	9.851	122	324149	21.636	ng		98
28) bis(2-Chloroethoxy)met...	10.092	93	543162	21.486	ng		99
29) 2,4-Dichlorophenol	10.322	162	363824	21.594	ng		98
30) 1,2,4-Trichlorobenzene	10.539	180	416382	21.808	ng		97
31) Naphthalene	10.727	128	1333590	21.969	ng		99
32) Benzoic acid	9.963	122	240438	20.245	ng		92
33) 4-Chloroaniline	10.839	127	525620	21.485	ng		96
34) Hexachlorobutadiene	11.004	225	240653	21.449	ng		98
35) Caprolactam	11.621	113	108412	20.890	ng		95
36) 4-Chloro-3-methylphenol	11.963	107	378721	21.385	ng		99
37) 2-Methylnaphthalene	12.333	142	869013	21.513	ng		98
38) 1-Methylnaphthalene	12.557	142	853102	21.565	ng		99
40) 1,2,4,5-Tetrachloroben...	12.704	216	417834	21.722	ng		99
41) Hexachlorocyclopentadiene	12.680	237	215945	21.197	ng		99
43) 2,4,6-Trichlorophenol	12.945	196	283312	21.645	ng		99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.015	196	302807	21.916	ng	96
46) 1,1'-Biphenyl	13.345	154	1136827	21.986	ng	99
47) 2-Chloronaphthalene	13.386	162	872796	22.055	ng	99
48) 2-Nitroaniline	13.598	65	232150	21.526	ng	91
49) Acenaphthylene	14.233	152	1345502	21.995	ng	99
50) Dimethylphthalate	13.974	163	1038755	21.529	ng	99
51) 2,6-Dinitrotoluene	14.092	165	208580	21.546	ng	90
52) Acenaphthene	14.568	154	866405m	21.652	ng	
53) 3-Nitroaniline	14.421	138	243158	21.529	ng	94
54) 2,4-Dinitrophenol	14.621	184	102707	20.049	ng	93
55) Dibenzofuran	14.904	168	1312728	21.906	ng	98
56) 4-Nitrophenol	14.721	139	192329	21.279	ng	89
57) 2,4-Dinitrotoluene	14.874	165	269761	21.260	ng	97
58) Fluorene	15.551	166	1034135	21.877	ng	98
59) 2,3,4,6-Tetrachlorophenol	15.127	232	253817	21.686	ng	97
60) Diethylphthalate	15.333	149	1068115	21.542	ng	99
61) 4-Chlorophenyl-phenyle...	15.551	204	512502	21.743	ng	94
62) 4-Nitroaniline	15.574	138	251705	21.663	ng	92
63) Azobenzene	15.839	77	1038016	22.021	ng	93
65) 4,6-Dinitro-2-methylph...	15.633	198	149287	20.654	ng	94
66) n-Nitrosodiphenylamine	15.762	169	870592	21.816	ng	99
67) 4-Bromophenyl-phenylether	16.439	248	304420	21.529	ng	96
68) Hexachlorobenzene	16.551	284	346096	21.332	ng	92
69) Atrazine	16.715	200	251129	22.490	ng	97
70) Pentachlorophenol	16.898	266	204856	21.560	ng	97
71) Phenanthrene	17.292	178	1564304	21.721	ng	99
72) Anthracene	17.380	178	1520263	21.804	ng	100
73) Carbazole	17.650	167	1543339	21.846	ng	99
74) Di-n-butylphthalate	18.221	149	1796814	21.306	ng	99
75) Fluoranthene	19.303	202	1733380	21.501	ng	98
77) Benzidine	19.492	184	491671	24.729	ng	98
78) Pyrene	19.662	202	1816220	22.093	ng	99
80) Butylbenzylphthalate	20.568	149	746873	21.049	ng	99
81) Benzo(a)anthracene	21.409	228	1765959	21.626	ng	99
82) 3,3'-Dichlorobenzidine	21.350	252	446266	22.507	ng	99
83) Chrysene	21.462	228	1695470	21.842	ng	99
84) Bis(2-ethylhexyl)phtha...	21.344	149	1126245	21.040	ng	100
85) Di-n-octyl phthalate	22.262	149	1820748	20.842	ng	96
87) Indeno(1,2,3-cd)pyrene	26.250	276	1992728	21.527	ng	98
88) Benzo(b)fluoranthene	23.068	252	1661675	21.531	ng	98
89) Benzo(k)fluoranthene	23.121	252	1729749	22.191	ng	99
90) Benzo(a)pyrene	23.685	252	1407700	21.739	ng	98
91) Dibenzo(a,h)anthracene	26.268	278	1671730	21.575	ng	98
92) Benzo(g,h,i)perylene	27.003	276	1618484	21.576	ng	99

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

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