Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM080822\
Data File : BM036149.D
Acq On : 08 Aug 2022 18:02
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Aug 08 23:38:11 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 08 23:36:56 2022
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 08/09/2022
Supervised By :Jagrut Upadhyay 08/09/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.845	152	367903	20.000	ng		0.00
21) Naphthalene-d8	10.651	136	1594910	20.000	ng		0.00
39) Acenaphthene-d10	14.492	164	924067	20.000	ng		0.00
64) Phenanthrene-d10	17.233	188	1714575	20.000	ng		0.00
76) Chrysene-d12	21.421	240	1460264	20.000	ng		0.00
86) Perylene-d12	23.774	264	1492283	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.434	112	1914294	84.358	ng		0.00
7) Phenol-d6	7.063	99	2552269	88.392	ng		0.00
23) Nitrobenzene-d5	9.022	82	2402565	84.323	ng		0.00
42) 2,4,6-Tribromophenol	15.986	330	868344	80.102	ng		0.00
45) 2-Fluorobiphenyl	13.121	172	5070031	81.009	ng		0.00
79) Terphenyl-d14	19.862	244	5978328	80.752	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.275	88	366590	40.091	ng		92
3) Pyridine	3.687	79	1026884m	41.879	ng		
4) n-Nitrosodimethylamine	3.598	42	424787	42.158	ng	#	68
6) Aniline	7.181	93	1422082	44.475	ng		96
8) 2-Chlorophenol	7.422	128	1053281	43.533	ng		95
9) Benzaldehyde	6.992	77	635608	41.580	ng		93
10) Phenol	7.087	94	1276539	43.907	ng		91
11) bis(2-Chloroethyl)ether	7.281	93	1016467	42.441	ng		95
12) 1,3-Dichlorobenzene	7.734	146	1133551	42.279	ng		97
13) 1,4-Dichlorobenzene	7.881	146	1166279	42.655	ng		98
14) 1,2-Dichlorobenzene	8.198	146	1133018	42.947	ng		99
15) Benzyl Alcohol	8.110	79	901985	46.551	ng		95
16) 2,2'-oxybis(1-Chloropr...	8.386	45	1359254	42.681	ng		97
17) 2-Methylphenol	8.328	107	865960	44.995	ng		95
18) Hexachloroethane	8.922	117	420834	42.756	ng		97
19) n-Nitroso-di-n-propyla...	8.669	70	777360	44.322	ng	#	87
20) 3+4-Methylphenols	8.663	107	1178984	45.090	ng		91
22) Acetophenone	8.681	105	1583776	41.949	ng	#	94
24) Nitrobenzene	9.063	77	1119099	41.780	ng		95
25) Isophorone	9.592	82	1964377	42.380	ng		98
26) 2-Nitrophenol	9.775	139	590271	46.722	ng		90
27) 2,4-Dimethylphenol	9.857	122	854471	43.661	ng		98
28) bis(2-Chloroethoxy)met...	10.075	93	1349416	40.863	ng		99
29) 2,4-Dichlorophenol	10.322	162	959022	43.575	ng		100
30) 1,2,4-Trichlorobenzene	10.516	180	1028663	41.244	ng		98
31) Naphthalene	10.704	128	3271486	41.257	ng		100
32) Benzoic acid	10.045	122	773318	49.848	ng		93
33) 4-Chloroaniline	10.827	127	1332902	41.709	ng		96
34) Hexachlorobutadiene	10.980	225	608193	41.499	ng		98
35) Caprolactam	11.645	113	297103	43.827	ng		94
36) 4-Chloro-3-methylphenol	11.980	107	991441	42.858	ng		100
37) 2-Methylnaphthalene	12.316	142	2180121	41.316	ng		97
38) 1-Methylnaphthalene	12.533	142	2112971	40.890	ng		99
40) 1,2,4,5-Tetrachloroben...	12.680	216	1046285	41.764	ng		99
41) Hexachlorocyclopentadiene	12.657	237	697989	52.605	ng		98
43) 2,4,6-Trichlorophenol	12.939	196	749121	43.944	ng		99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.021	196	793781	44.111	ng	97
46) 1,1'-Biphenyl	13.327	154	2783024	41.326	ng	99
47) 2-Chloronaphthalene	13.368	162	2130416	41.334	ng	99
48) 2-Nitroaniline	13.592	65	627640	44.684	ng	91
49) Acenaphthylene	14.215	152	3309059	41.533	ng	100
50) Dimethylphthalate	13.963	163	2475722	39.397	ng	99
51) 2,6-Dinitrotoluene	14.080	165	530676	42.090	ng	93
52) Acenaphthene	14.557	154	2162121m	41.485	ng	
53) 3-Nitroaniline	14.421	138	629395	42.786	ng	94
54) 2,4-Dinitrophenol	14.621	184	326034	48.866	ng	88
55) Dibenzofuran	14.892	168	3138767	40.217	ng	98
56) 4-Nitrophenol	14.762	139	530738	45.085	ng	86
57) 2,4-Dinitrotoluene	14.868	165	712443	43.111	ng	98
58) Fluorene	15.539	166	2435726	39.564	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.127	232	623144	40.879	ng	98
60) Diethylphthalate	15.321	149	2463931	38.154	ng	99
61) 4-Chlorophenyl-phenyle...	15.533	204	1190639	38.785	ng	98
62) 4-Nitroaniline	15.580	138	649453m	42.916	ng	
63) Azobenzene	15.827	77	2397711	39.056	ng	93
65) 4,6-Dinitro-2-methylph...	15.627	198	424977	48.475	ng	93
66) n-Nitrosodiphenylamine	15.751	169	2041765	42.183	ng	99
67) 4-Bromophenyl-phenylether	16.427	248	704540	41.081	ng	96
68) Hexachlorobenzene	16.533	284	804587	40.888	ng	93
69) Atrazine	16.709	200	584717	43.173	ng	98
70) Pentachlorophenol	16.892	266	503518	43.690	ng	99
71) Phenanthrene	17.274	178	3558839	40.742	ng	99
72) Anthracene	17.368	178	3489574	41.263	ng	99
73) Carbazole	17.645	167	3507636	40.936	ng	99
74) Di-n-butylphthalate	18.203	149	3905267	38.179	ng	99
75) Fluoranthene	19.292	202	3802425	38.888	ng	98
77) Benzidine	19.486	184	1259673	57.520	ng	98
78) Pyrene	19.656	202	3928435	43.384	ng	99
80) Butylbenzylphthalate	20.556	149	1710160	43.758	ng	98
81) Benzo(a)anthracene	21.403	228	3673838	40.846	ng	99
82) 3,3'-Dichlorobenzidine	21.344	252	979989	44.872	ng	99
83) Chrysene	21.456	228	3514240	41.103	ng	100
84) Bis(2-ethylhexyl)phtha...	21.333	149	2304483	39.085	ng	99
85) Di-n-octyl phthalate	22.244	149	3819907	39.697	ng	95
87) Indeno(1,2,3-cd)pyrene	26.232	276	4260027	40.622	ng	99
88) Benzo(b)fluoranthene	23.062	252	3565893	40.785	ng	99
89) Benzo(k)fluoranthene	23.109	252	3447032	39.035	ng	99
90) Benzo(a)pyrene	23.674	252	2979870	40.621	ng	98
91) Dibenzo(a,h)anthracene	26.250	278	3551008	40.453	ng	99
92) Benzo(g,h,i)perylene	26.991	276	3517778	41.395	ng	99

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

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