Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM032322\
Data File : BM034340.D
Acq On : 23 Mar 2022 15:54
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Mar 24 02:42:25 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM031522.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 24 02:40:59 2022
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 03/24/2022
Supervised By :Jagrut Upadhyay 03/24/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.942	152	251423	20.000	ng		0.00
21) Naphthalene-d8	10.754	136	1060006	20.000	ng		0.00
39) Acenaphthene-d10	14.583	164	697074	20.000	ng		0.00
64) Phenanthrene-d10	17.318	188	1430937	20.000	ng		0.00
76) Chrysene-d12	21.495	240	1245070	20.000	ng		0.00
86) Perylene-d12	23.906	264	1024553	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.490	112	1191319	85.003	ng		0.00
7) Phenol-d6	7.101	99	1720770	85.755	ng		0.00
23) Nitrobenzene-d5	9.107	82	1800373	82.692	ng		0.00
42) 2,4,6-Tribromophenol	16.066	330	799017	85.041	ng		0.00
45) 2-Fluorobiphenyl	13.213	172	4089687	80.171	ng		0.00
79) Terphenyl-d14	19.936	244	6027377	84.118	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.349	88	260167	41.029	ng		99
3) Pyridine	3.760	79	709751	41.364	ng		99
4) n-Nitrosodimethylamine	3.666	42	328463	40.315	ng		95
6) Aniline	7.260	93	967117	42.175	ng		99
8) 2-Chlorophenol	7.501	128	679853	41.474	ng		97
9) Benzaldehyde	7.072	77	457802	42.346	ng		99
10) Phenol	7.131	94	841754	42.178	ng		99
11) bis(2-Chloroethyl)ether	7.360	93	672218	41.037	ng		100
12) 1,3-Dichlorobenzene	7.831	146	735974	39.581	ng		99
13) 1,4-Dichlorobenzene	7.978	146	753297	39.573	ng		100
14) 1,2-Dichlorobenzene	8.295	146	741564	39.962	ng		99
15) Benzyl Alcohol	8.184	79	688272	43.100	ng		99
16) 2,2'-oxybis(1-Chloropr...	8.478	45	953835	42.431	ng		99
17) 2-Methylphenol	8.384	107	587659	42.044	ng		98
18) Hexachloroethane	9.031	117	282183	40.192	ng		99
19) n-Nitroso-di-n-propyla...	8.754	70	615262	42.389	ng		99
20) 3+4-Methylphenols	8.719	107	816751	42.252	ng		98
22) Acetophenone	8.766	105	1111673	40.866	ng	#	98
24) Nitrobenzene	9.148	77	831576	40.910	ng		99
25) Isophorone	9.678	82	1516834	41.634	ng		97
26) 2-Nitrophenol	9.860	139	392574	43.550	ng		100
27) 2,4-Dimethylphenol	9.925	122	579644	41.066	ng		99
28) bis(2-Chloroethoxy)met...	10.160	93	953705	40.887	ng		99
29) 2,4-Dichlorophenol	10.401	162	673656	41.076	ng		99
30) 1,2,4-Trichlorobenzene	10.619	180	728559	39.081	ng		99
31) Naphthalene	10.801	128	2208057	39.984	ng		99
32) Benzoic acid	10.095	122	484625	41.519	ng		99
33) 4-Chloroaniline	10.907	127	914924	42.000	ng		99
34) Hexachlorobutadiene	11.095	225	466169	39.480	ng		97
35) Caprolactam	11.713	113	243805	42.765	ng		99
36) 4-Chloro-3-methylphenol	12.036	107	785782	41.810	ng		99
37) 2-Methylnaphthalene	12.413	142	1593496	40.439	ng		99
38) 1-Methylnaphthalene	12.630	142	1557173	40.397	ng		98
40) 1,2,4,5-Tetrachloroben...	12.783	216	829497	39.432	ng		100
41) Hexachlorocyclopentadiene	12.766	237	513594	42.166	ng		100
43) 2,4,6-Trichlorophenol	13.019	196	591031	40.695	ng		98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	13.089	196	640073	41.060	ng	99
46) 1,1'-Biphenyl	13.419	154	2117420	39.838	ng	99
47) 2-Chloronaphthalene	13.460	162	1620289	39.715	ng	97
48) 2-Nitroaniline	13.660	65	556994	44.657	ng	99
49) Acenaphthylene	14.307	152	2587638	40.694	ng	100
50) Dimethylphthalate	14.042	163	2139285	40.322	ng	100
51) 2,6-Dinitrotoluene	14.154	165	448616	41.226	ng	99
52) Acenaphthene	14.648	154	1746824m	40.784	ng	
53) 3-Nitroaniline	14.483	138	469241	42.980	ng	99
54) 2,4-Dinitrophenol	14.689	184	278491	45.677	ng	100
55) Dibenzofuran	14.977	168	2544339	39.862	ng	100
56) 4-Nitrophenol	14.789	139	412312	46.585	ng	98
57) 2,4-Dinitrotoluene	14.942	165	629164	42.773	ng	97
58) Fluorene	15.624	166	2118708	40.887	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.207	232	573420	40.792	ng	99
60) Diethylphthalate	15.401	149	2248573	41.310	ng	99
61) 4-Chlorophenyl-phenyle...	15.618	204	1075882	40.667	ng	99
62) 4-Nitroaniline	15.642	138	482928	45.982	ng	98
63) Azobenzene	15.913	77	2205728	42.024	ng	98
65) 4,6-Dinitro-2-methylph...	15.707	198	407760	43.824	ng	97
66) n-Nitrosodiphenylamine	15.836	169	1825440	40.154	ng	99
67) 4-Bromophenyl-phenylether	16.513	248	670400	40.755	ng	96
68) Hexachlorobenzene	16.636	284	725952	39.567	ng	98
69) Atrazine	16.783	200	623426	41.605	ng	100
70) Pentachlorophenol	16.971	266	484749	41.314	ng	99
71) Phenanthrene	17.365	178	3237187	40.396	ng	100
72) Anthracene	17.454	178	3156722	40.472	ng	100
73) Carbazole	17.724	167	3012203	41.409	ng	99
74) Di-n-butylphthalate	18.289	149	3838150	42.443	ng	99
75) Fluoranthene	19.377	202	3596427	40.034	ng	98
77) Benzidine	19.554	184	876545m	48.041	ng	
78) Pyrene	19.736	202	3678115	41.929	ng	99
80) Butylbenzylphthalate	20.630	149	1674501	45.136	ng	100
81) Benzo(a)anthracene	21.477	228	3220321	40.979	ng	100
82) 3,3'-Dichlorobenzidine	21.412	252	1091718	41.593	ng	98
83) Chrysene	21.536	228	3129017	38.991	ng	100
84) Bis(2-ethylhexyl)phtha...	21.406	149	2431631	44.386	ng	99
85) Di-n-octyl phthalate	22.336	149	3635398	41.805	ng	99
87) Indeno(1,2,3-cd)pyrene	26.424	276	2610341	39.606	ng	98
88) Benzo(b)fluoranthene	23.171	252	2549731	41.617	ng	99
89) Benzo(k)fluoranthene	23.224	252	2735885	42.155	ng	100
90) Benzo(a)pyrene	23.800	252	2113264	40.689	ng	99
91) Dibenzo(a,h)anthracene	26.441	278	2153595	40.299	ng	99
92) Benzo(g,h,i)perylene	27.200	276	2164086	39.123	ng	100

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

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