Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082024\
Data File : BP021566.D
Acq On : 20 Aug 2024 10:07
Operator : RC/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Aug 20 11:20:14 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 14 00:00:30 2024
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 08/21/2024
Supervised By :mohammad ahmed 08/22/2024

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.805	152	357434	20.000	ng		0.00
21) Naphthalene-d8	10.593	136	1454006	20.000	ng		0.00
39) Acenaphthene-d10	14.451	164	971251	20.000	ng		0.00
64) Phenanthrene-d10	17.263	188	2102943	20.000	ng		0.01
76) Chrysene-d12	21.727	240	2067038	20.000	ng		0.03
86) Perylene-d12	25.174	264	2510089	20.000	ng		0.07
System Monitoring Compounds							
5) 2-Fluorophenol	5.405	112	1934361	80.358	ng		0.01
7) Phenol-d6	6.975	99	2762029	78.656	ng		0.01
23) Nitrobenzene-d5	8.952	82	2476910	87.927	ng		0.00
42) 2,4,6-Tribromophenol	15.963	330	1037187	95.950	ng		0.00
45) 2-Fluorobiphenyl	13.063	172	4820142	75.740	ng		0.00
79) Terphenyl-d14	19.992	244	7890058	74.156	ng		0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.322	88	401142	35.145	ng		99
3) Pyridine	3.717	79	1144919	35.932	ng		96
4) n-Nitrosodimethylamine	3.622	42	351901	36.744	ng		93
6) Aniline	7.134	93	1285899	36.630	ng		97
8) 2-Chlorophenol	7.375	128	925647	41.611	ng		95
9) Benzaldehyde	6.946	77	970805m	43.178	ng		
10) Phenol	6.999	94	1391597	38.270	ng		97
11) bis(2-Chloroethyl)ether	7.228	93	1102315	35.826	ng		97
12) 1,3-Dichlorobenzene	7.699	146	1028196	38.912	ng		96
13) 1,4-Dichlorobenzene	7.840	146	1041774	39.044	ng		98
14) 1,2-Dichlorobenzene	8.157	146	989860	38.497	ng		99
15) Benzyl Alcohol	8.040	79	963573	38.244	ng		95
16) 2,2'-oxybis(1-Chloropr...	8.328	45	988701	34.893	ng		98
17) 2-Methylphenol	8.246	107	909170	39.549	ng		97
18) Hexachloroethane	8.887	117	426491	39.861	ng		99
19) n-Nitroso-di-n-propyla...	8.605	70	792638	32.677	ng		96
20) 3+4-Methylphenols	8.569	107	1284831	41.450	ng		98
22) Acetophenone	8.622	105	1697255	37.996	ng	#	96
24) Nitrobenzene	8.993	77	1256678	41.074	ng		93
25) Isophorone	9.522	82	2333788	35.068	ng		98
26) 2-Nitrophenol	9.704	139	480680	56.961	ng		95
27) 2,4-Dimethylphenol	9.769	122	666408	40.576	ng		95
28) bis(2-Chloroethoxy)met...	10.004	93	1468190	36.141	ng		100
29) 2,4-Dichlorophenol	10.240	162	872962	44.986	ng		98
30) 1,2,4-Trichlorobenzene	10.457	180	966653	38.855	ng		97
31) Naphthalene	10.646	128	2995089	39.431	ng		100
32) Benzoic acid	9.899	122	796276	64.703	ng		97
33) 4-Chloroaniline	10.746	127	1156545	40.535	ng		96
34) Hexachlorobutadiene	10.934	225	604655	38.600	ng		99
35) Caprolactam	11.522	113	378013	46.800	ng		91
36) 4-Chloro-3-methylphenol	11.875	107	1181215	43.882	ng		97
37) 2-Methylnaphthalene	12.263	142	2014464	38.859	ng		99
38) 1-Methylnaphthalene	12.481	142	1982500	38.775	ng		100
40) 1,2,4,5-Tetrachloroben...	12.628	216	1085575	38.147	ng		100
41) Hexachlorocyclopentadiene	12.616	237	456339	50.596	ng		98
43) 2,4,6-Trichlorophenol	12.869	196	734554	46.468	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.940	196	829555	47.232	ng		95
46) 1,1'-Biphenyl	13.275	154	2616716	38.080	ng		98
47) 2-Chloronaphthalene	13.316	162	2065003	38.599	ng		99
48) 2-Nitroaniline	13.510	65	704708	47.106	ng	#	86
49) Acenaphthylene	14.169	152	3086915	39.251	ng		99
50) Dimethylphthalate	13.904	163	2580187	39.669	ng		99
51) 2,6-Dinitrotoluene	14.010	165	594069	45.498	ng		92
52) Acenaphthene	14.522	154	2102181	40.738	ng		99
53) 3-Nitroaniline	14.339	138	627496	48.589	ng	#	95
54) 2,4-Dinitrophenol	14.563	184	267685	65.093	ng		88
55) Dibenzofuran	14.863	168	3112579	39.211	ng		99
56) 4-Nitrophenol	14.657	139	556879	53.424	ng		88
57) 2,4-Dinitrotoluene	14.816	165	825714	49.320	ng		88
58) Fluorene	15.528	166	2513424	38.542	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.087	232	716552	48.067	ng		99
60) Diethylphthalate	15.292	149	2656153	39.800	ng		100
61) 4-Chlorophenyl-phenyle...	15.522	204	1250366	37.093	ng		99
62) 4-Nitroaniline	15.534	138	654363	49.265	ng		91
63) Azobenzene	15.816	77	2864106	34.913	ng		97
65) 4,6-Dinitro-2-methylph...	15.598	198	403578	58.939	ng		95
66) n-Nitrosodiphenylamine	15.734	169	2179381	38.672	ng		100
67) 4-Bromophenyl-phenylether	16.434	248	835316	37.531	ng		99
68) Hexachlorobenzene	16.557	284	1019155	38.748	ng		99
69) Atrazine	16.710	200	638902	33.020	ng		99
70) Pentachlorophenol	16.910	266	714044	49.739	ng		99
71) Phenanthrene	17.310	178	3999697	39.548	ng		100
72) Anthracene	17.404	178	3981334	40.140	ng		100
73) Carbazole	17.675	167	3947153	41.294	ng		99
74) Di-n-butylphthalate	18.280	149	4715211	40.166	ng		100
75) Fluoranthene	19.386	202	5158752	41.572	ng		99
77) Benzidine	19.580	184	2092255	43.787	ng		100
78) Pyrene	19.763	202	5322876	39.398	ng		100
80) Butylbenzylphthalate	20.716	149	2221372	43.672	ng		95
81) Benzo(a)anthracene	21.710	228	5190787	40.003	ng		100
82) 3,3'-Dichlorobenzidine	21.627	252	1922208	46.202	ng		100
83) Chrysene	21.780	228	4912854	40.101	ng		100
84) Bis(2-ethylhexyl)phtha...	21.663	149	3185624	41.537	ng		100
85) Di-n-octyl phthalate	22.986	149	5659478	42.612	ng		97
87) Indeno(1,2,3-cd)pyrene	29.103	276	6648231m	40.860	ng		
88) Benzo(b)fluoranthene	24.086	252	5622632	39.003	ng		99
89) Benzo(k)fluoranthene	24.163	252	5443792	38.710	ng		99
90) Benzo(a)pyrene	25.004	252	5022273	40.145	ng		99
91) Dibenzo(a,h)anthracene	29.192	278	5480813	40.541	ng		100
92) Benzo(g,h,i)perylene	30.309	276	5623792	41.504	ng		99

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

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