Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081324\
Data File : BP021484.D
Acq On : 13 Aug 2024 14:42
Operator : RC/JU
Sample : SSTDICC020
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Aug 13 23:51:48 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP081324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 13 23:44:24 2024
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 08/14/2024
Supervised By :mohammad ahmed 08/14/2024

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.805	152	325874	20.000	ng		0.00
21) Naphthalene-d8	10.593	136	1390587	20.000	ng		0.00
39) Acenaphthene-d10	14.451	164	947946	20.000	ng		0.00
64) Phenanthrene-d10	17.251	188	2036378	20.000	ng		0.00
76) Chrysene-d12	21.704	240	2051361	20.000	ng		0.00
86) Perylene-d12	25.110	264	2332049	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.393	112	915778	41.728	ng		0.00
7) Phenol-d6	6.958	99	1343954	41.979	ng		0.00
23) Nitrobenzene-d5	8.952	82	1073821	39.857	ng		0.00
42) 2,4,6-Tribromophenol	15.963	330	421534	39.955	ng		0.00
45) 2-Fluorobiphenyl	13.063	172	2531601	40.758	ng		0.00
79) Terphenyl-d14	19.975	244	4240552	40.160	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.317	88	221781	21.313	ng		98
3) Pyridine	3.705	79	623899	21.477	ng		99
4) n-Nitrosodimethylamine	3.617	42	185073	21.196	ng		96
6) Aniline	7.128	93	669123	20.906	ng		99
8) 2-Chlorophenol	7.369	128	420713	20.744	ng		98
9) Benzaldehyde	6.946	77	459162	22.400	ng		100
10) Phenol	6.987	94	696832	21.019	ng		99
11) bis(2-Chloroethyl)ether	7.228	93	582174	20.753	ng		98
12) 1,3-Dichlorobenzene	7.699	146	503772	20.912	ng		99
13) 1,4-Dichlorobenzene	7.840	146	506071	20.804	ng		99
14) 1,2-Dichlorobenzene	8.158	146	493188	21.038	ng		99
15) Benzyl Alcohol	8.034	79	480369	20.912	ng		99
16) 2,2'-oxybis(1-Chloropr...	8.340	45	535190	20.717	ng		99
17) 2-Methylphenol	8.234	107	439840	20.986	ng		100
18) Hexachloroethane	8.893	117	201027	20.608	ng		98
19) n-Nitroso-di-n-propyla...	8.605	70	467087	21.121	ng		100
20) 3+4-Methylphenols	8.558	107	584839	20.695	ng		99
22) Acetophenone	8.616	105	893676	20.919	ng	#	99
24) Nitrobenzene	8.993	77	597794	20.430	ng		99
25) Isophorone	9.516	82	1322653	20.781	ng		100
26) 2-Nitrophenol	9.705	139	105219	20.765	ng		97
27) 2,4-Dimethylphenol	9.758	122	322640	20.541	ng		98
28) bis(2-Chloroethoxy)met...	9.999	93	795422	20.473	ng		99
29) 2,4-Dichlorophenol	10.234	162	375130	20.213	ng		98
30) 1,2,4-Trichlorobenzene	10.458	180	482172	20.265	ng		98
31) Naphthalene	10.646	128	1492878	20.550	ng		100
32) Benzoic acid	9.840	122	144329	19.969	ng		95
33) 4-Chloroaniline	10.734	127	564170	20.675	ng		99
34) Hexachlorobutadiene	10.946	225	302459	20.189	ng		98
35) Caprolactam	11.481	113	163665	21.189	ng		98
36) 4-Chloro-3-methylphenol	11.857	107	531060	20.628	ng		99
37) 2-Methylnaphthalene	12.257	142	1015274	20.478	ng		100
38) 1-Methylnaphthalene	12.475	142	1008222	20.619	ng		100
40) 1,2,4,5-Tetrachloroben...	12.628	216	561317	20.209	ng		99
41) Hexachlorocyclopentadiene	12.616	237	164693	18.709	ng		99
43) 2,4,6-Trichlorophenol	12.863	196	301820	19.562	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.934	196	341066	19.897	ng		99
46) 1,1'-Biphenyl	13.281	154	1359024	20.263	ng		99
47) 2-Chloronaphthalene	13.322	162	1058999	20.282	ng		99
48) 2-Nitroaniline	13.504	65	218570	18.481	ng		97
49) Acenaphthylene	14.169	152	1571109	20.468	ng		100
50) Dimethylphthalate	13.904	163	1297733	20.442	ng		99
51) 2,6-Dinitrotoluene	14.016	165	215611	19.423	ng		93
52) Acenaphthene	14.516	154	1018510	20.223	ng		100
53) 3-Nitroaniline	14.346	138	209499	19.232	ng	#	91
54) 2,4-Dinitrophenol	14.540	184	49171	19.714	ng	#	74
55) Dibenzofuran	14.851	168	1589415	20.515	ng		99
56) 4-Nitrophenol	14.634	139	167932	20.016	ng		97
57) 2,4-Dinitrotoluene	14.804	165	248400	18.676	ng		92
58) Fluorene	15.516	166	1334998	20.975	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.081	232	286326	19.679	ng		98
60) Diethylphthalate	15.293	149	1353063	20.773	ng		100
61) 4-Chlorophenyl-phenyle...	15.522	204	680988	20.699	ng		97
62) 4-Nitroaniline	15.522	138	229769	19.603	ng		92
63) Azobenzene	15.816	77	1685601	21.052	ng		99
65) 4,6-Dinitro-2-methylph...	15.581	198	79397	19.364	ng		96
66) n-Nitrosodiphenylamine	15.734	169	1118083	20.488	ng		100
67) 4-Bromophenyl-phenylether	16.434	248	432165	20.052	ng		99
68) Hexachlorobenzene	16.545	284	509441	20.002	ng		98
69) Atrazine	16.710	200	398442	21.266	ng		99
70) Pentachlorophenol	16.892	266	255526	18.381	ng		99
71) Phenanthrene	17.292	178	2033070	20.760	ng		99
72) Anthracene	17.398	178	1976030	20.574	ng		99
73) Carbazole	17.663	167	1916837	20.709	ng		99
74) Di-n-butylphthalate	18.269	149	2340289	20.587	ng		99
75) Fluoranthene	19.375	202	2511684	20.902	ng		100
77) Benzidine	19.575	184	924193	20.258	ng		99
78) Pyrene	19.751	202	2656705	19.814	ng		100
80) Butylbenzylphthalate	20.710	149	843482	18.934	ng		98
81) Benzo(a)anthracene	21.686	228	2648478	20.566	ng		100
82) 3,3'-Dichlorobenzidine	21.604	252	847490	20.526	ng		99
83) Chrysene	21.751	228	2472528	20.336	ng		100
84) Bis(2-ethylhexyl)phtha...	21.651	149	1520788	19.981	ng		99
85) Di-n-octyl phthalate	22.963	149	2286827	20.217	ng		99
87) Indeno(1,2,3-cd)pyrene	28.980	276	3071376m	20.320	ng		
88) Benzo(b)fluoranthene	24.033	252	2700298	20.161	ng		98
89) Benzo(k)fluoranthene	24.104	252	2620830	20.059	ng		99
90) Benzo(a)pyrene	24.951	252	2339364	20.127	ng		98
91) Dibenzo(a,h)anthracene	29.080	278	2579763	20.539	ng		99
92) Benzo(g,h,i)perylene	30.168	276	2555517	20.300	ng		100

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

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