Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP082124\
Data File : BP021597.D
Acq On : 21 Aug 2024 14:35
Operator : RC/JU
Sample : PB162631BS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Aug 21 15:06:32 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 :
PB162631BS

Manual Integrations APPROVED
Reviewed By :Yogesh Patel 08/22/2024
Supervised By :mohammad ahmed 08/22/2024

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.799	152	396536	20.000	ng		-0.01
21) Naphthalene-d8	10.587	136	1623956	20.000	ng		-0.01
39) Acenaphthene-d10	14.451	164	1089685	20.000	ng		0.00
64) Phenanthrene-d10	17.269	188	2444315	20.000	ng		0.02
76) Chrysene-d12	21.733	240	2279531	20.000	ng		0.04
86) Perylene-d12	25.168	264	2475837	20.000	ng		0.06
System Monitoring Compounds							
5) 2-Fluorophenol	5.399	112	3513702	131.573	ng		0.00
7) Phenol-d6	6.975	99	4788623	122.921	ng		0.01
23) Nitrobenzene-d5	8.952	82	2824059	89.758	ng		0.00
42) 2,4,6-Tribromophenol	15.981	330	1842343	151.911	ng		0.01
45) 2-Fluorobiphenyl	13.069	172	5453068	76.373	ng		0.00
79) Terphenyl-d14	19.986	244	9587667	81.711	ng		0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.317	88	365654	28.877	ng		98
3) Pyridine	3.711	79	983994	27.837	ng		96
4) n-Nitrosodimethylamine	3.617	42	436630	41.095	ng		92
6) Aniline	7.128	93	979376	25.147	ng		98
8) 2-Chlorophenol	7.369	128	1222116	49.521	ng		95
9) Benzaldehyde	6.946	77	453508m	18.182	ng		
10) Phenol	6.999	94	1835940	45.511	ng		96
11) bis(2-Chloroethyl)ether	7.228	93	1342415	39.327	ng		96
12) 1,3-Dichlorobenzene	7.693	146	1231898	42.024	ng		96
13) 1,4-Dichlorobenzene	7.840	146	1249214	42.202	ng		98
14) 1,2-Dichlorobenzene	8.152	146	1204331	42.219	ng		99
15) Benzyl Alcohol	8.034	79	1252039	44.793	ng		96
16) 2,2'-oxybis(1-Chloropr...	8.316	45	1273087	40.499	ng		96
17) 2-Methylphenol	8.240	107	1191764	46.730	ng		97
18) Hexachloroethane	8.881	117	509824	42.951	ng		98
19) n-Nitroso-di-n-propyla...	8.605	70	953038	35.415	ng		95
20) 3+4-Methylphenols	8.563	107	1651163	48.016	ng		98
22) Acetophenone	8.616	105	1896206	38.008	ng	#	99
24) Nitrobenzene	8.993	77	1458505	42.682	ng		93
25) Isophorone	9.516	82	2868598	38.593	ng		97
26) 2-Nitrophenol	9.705	139	602759	61.213	ng		95
27) 2,4-Dimethylphenol	9.763	122	938586	51.167	ng		97
28) bis(2-Chloroethoxy)met...	9.999	93	1803523	39.750	ng		100
29) 2,4-Dichlorophenol	10.234	162	1155491	53.314	ng		99
30) 1,2,4-Trichlorobenzene	10.463	180	1147380	41.292	ng		98
31) Naphthalene	10.640	128	3567580	42.053	ng		99
32) Benzoic acid	9.905	122	932432	66.787	ng		91
33) 4-Chloroaniline	10.752	127	873958	27.425	ng		96
34) Hexachlorobutadiene	10.928	225	679908	38.862	ng		98
35) Caprolactam	11.528	113	444922m	49.319	ng		
36) 4-Chloro-3-methylphenol	11.881	107	1526057	50.759	ng		96
37) 2-Methylnaphthalene	12.263	142	2441424	42.166	ng		99
38) 1-Methylnaphthalene	12.481	142	2298776	40.255	ng		99
40) 1,2,4,5-Tetrachloroben...	12.628	216	1224828	38.362	ng		100
41) Hexachlorocyclopentadiene	12.610	237	1068355	105.577	ng		98
43) 2,4,6-Trichlorophenol	12.875	196	957394	53.982	ng		97

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44) 2,4,5-Trichlorophenol	12.946	196	1038746	52.715	ng		96
46) 1,1'-Biphenyl	13.275	154	2983073	38.693	ng		98
47) 2-Chloronaphthalene	13.316	162	2486261	41.422	ng		98
48) 2-Nitroaniline	13.516	65	911970	53.545	ng	#	86
49) Acenaphthylene	14.175	152	4195285	47.547	ng		100
50) Dimethylphthalate	13.910	163	3300392	45.226	ng		100
51) 2,6-Dinitrotoluene	14.016	165	742630	50.239	ng		88
52) Acenaphthene	14.522	154	2908796m	50.243	ng		
53) 3-Nitroaniline	14.345	138	633940	44.148	ng	#	92
54) 2,4-Dinitrophenol	14.569	184	827604	124.433	ng	#	87
55) Dibenzofuran	14.869	168	3956692	44.427	ng		98
56) 4-Nitrophenol	14.675	139	1433840	116.029	ng	#	84
57) 2,4-Dinitrotoluene	14.822	165	1080882	56.706	ng		86
58) Fluorene	15.522	166	3132855	42.819	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.098	232	951715	56.903	ng		99
60) Diethylphthalate	15.304	149	3398001	45.382	ng		99
61) 4-Chlorophenyl-phenyle...	15.516	204	1593414	42.132	ng		100
62) 4-Nitroaniline	15.528	138	793642	53.019	ng		91
63) Azobenzene	15.816	77	3667796	39.850	ng		96
65) 4,6-Dinitro-2-methylph...	15.610	198	590379	68.905	ng		94
66) n-Nitrosodiphenylamine	15.740	169	2813188	42.947	ng		100
67) 4-Bromophenyl-phenylether	16.434	248	1069388	41.338	ng		98
68) Hexachlorobenzene	16.551	284	1270572	41.560	ng		97
69) Atrazine	16.716	200	911342	40.523	ng		100
70) Pentachlorophenol	16.910	266	1697042	101.704	ng		99
71) Phenanthrene	17.316	178	5209439	44.316	ng		100
72) Anthracene	17.398	178	5224317	45.316	ng		100
73) Carbazole	17.681	167	5170035	46.533	ng		99
74) Di-n-butylphthalate	18.281	149	6166947	45.196	ng		100
75) Fluoranthene	19.392	202	6441196	44.658	ng		100
77) Benzidine	19.586	184	1083376	21.185	ng		100
78) Pyrene	19.769	202	6754836	45.336	ng		99
80) Butylbenzylphthalate	20.722	149	2865369	50.471	ng		90
81) Benzo(a)anthracene	21.710	228	6618478	46.251	ng		100
82) 3,3'-Dichlorobenzidine	21.622	252	1906303	41.548	ng		100
83) Chrysene	21.780	228	6171286	45.677	ng		100
84) Bis(2-ethylhexyl)phtha...	21.657	149	4200028	49.659	ng		100
85) Di-n-octyl phthalate	22.974	149	7307460	49.066	ng		97
87) Indeno(1,2,3-cd)pyrene	29.104	276	8060974	50.228	ng		99
88) Benzo(b)fluoranthene	24.080	252	6767419	47.593	ng		99
89) Benzo(k)fluoranthene	24.151	252	6753379	48.687	ng		100
90) Benzo(a)pyrene	24.998	252	6357533	51.522	ng		99
91) Dibenzo(a,h)anthracene	29.174	278	6642081	49.811	ng		99
92) Benzo(g,h,i)perylene	30.315	276	6418769	48.026	ng		99

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

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