Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081924\
Data File : BP021551.D
Acq On : 19 Aug 2024 12:50
Operator : RC/JU
Sample : PB162631BS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Aug 19 13:32:50 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 :Jagrut Upadhyay 08/20/2024
Supervised By :mohammad ahmed 08/21/2024

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.810	152	450256	20.000	ng		0.00
21) Naphthalene-d8	10.599	136	1831427	20.000	ng		0.00
39) Acenaphthene-d10	14.457	164	1175681	20.000	ng		0.00
64) Phenanthrene-d10	17.257	188	2499976	20.000	ng		0.00
76) Chrysene-d12	21.721	240	2338286	20.000	ng		0.02
86) Perylene-d12	25.168	264	2568887	20.000	ng		0.06
System Monitoring Compounds							
5) 2-Fluorophenol	5.405	112	4240940	139.858	ng		0.01
7) Phenol-d6	6.975	99	5785351	130.789	ng		0.01
23) Nitrobenzene-d5	8.952	82	3399618	95.811	ng		0.00
42) 2,4,6-Tribromophenol	15.963	330	2001237	152.943	ng		0.00
45) 2-Fluorobiphenyl	13.063	172	6306832	81.869	ng		0.00
79) Terphenyl-d14	19.975	244	10299649	85.573	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.322	88	411538	28.623	ng		100
3) Pyridine	3.711	79	1166590m	29.065	ng		
4) n-Nitrosodimethylamine	3.622	42	508790	42.173	ng		95
6) Aniline	7.134	93	1253158	28.338	ng		97
8) 2-Chlorophenol	7.375	128	1483495	52.940	ng		95
9) Benzaldehyde	6.946	77	501603m	17.711	ng		
10) Phenol	6.999	94	2234800	48.788	ng		98
11) bis(2-Chloroethyl)ether	7.228	93	1621501	41.835	ng		96
12) 1,3-Dichlorobenzene	7.699	146	1445136	43.416	ng		97
13) 1,4-Dichlorobenzene	7.846	146	1473146	43.829	ng		98
14) 1,2-Dichlorobenzene	8.158	146	1425715	44.017	ng		98
15) Benzyl Alcohol	8.040	79	1516784	47.790	ng		95
16) 2,2'-oxybis(1-Chloropr...	8.322	45	1510956	42.331	ng		96
17) 2-Methylphenol	8.240	107	1423053	49.142	ng		98
18) Hexachloroethane	8.887	117	598156	44.380	ng		96
19) n-Nitroso-di-n-propyla...	8.610	70	1161691	38.018	ng		96
20) 3+4-Methylphenols	8.569	107	1965242	50.331	ng		98
22) Acetophenone	8.622	105	2264846	40.254	ng	#	97
24) Nitrobenzene	8.993	77	1768241	45.884	ng		94
25) Isophorone	9.528	82	3384295	40.373	ng		96
26) 2-Nitrophenol	9.704	139	722110	63.538	ng		95
27) 2,4-Dimethylphenol	9.769	122	1121595	54.217	ng		98
28) bis(2-Chloroethoxy)met...	9.999	93	2179056	42.586	ng		99
29) 2,4-Dichlorophenol	10.240	162	1361835	55.716	ng		98
30) 1,2,4-Trichlorobenzene	10.457	180	1375574	43.897	ng		98
31) Naphthalene	10.646	128	4251680	44.439	ng		99
32) Benzoic acid	9.910	122	1086888	68.276	ng		91
33) 4-Chloroaniline	10.746	127	974459	27.115	ng		98
34) Hexachlorobutadiene	10.940	225	823817	41.753	ng		98
35) Caprolactam	11.528	113	501931m	49.336	ng		
36) 4-Chloro-3-methylphenol	11.875	107	1751030	51.644	ng		97
37) 2-Methylnaphthalene	12.257	142	2903081	44.459	ng		100
38) 1-Methylnaphthalene	12.481	142	2697080	41.880	ng		100
40) 1,2,4,5-Tetrachloroben...	12.628	216	1431354	41.551	ng		99
41) Hexachlorocyclopentadiene	12.616	237	1226184	112.311	ng		99
43) 2,4,6-Trichlorophenol	12.863	196	1093841	57.164	ng		98

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44) 2,4,5-Trichlorophenol	12.940	196	1173329	55.190	ng		95
46) 1,1'-Biphenyl	13.275	154	3460882	41.607	ng		98
47) 2-Chloronaphthalene	13.316	162	2882750	44.515	ng		99
48) 2-Nitroaniline	13.510	65	1021474	55.391	ng	#	86
49) Acenaphthylene	14.175	152	4754355	49.941	ng		100
50) Dimethylphthalate	13.904	163	3685324	46.807	ng		100
51) 2,6-Dinitrotoluene	14.016	165	819173	51.274	ng		87
52) Acenaphthene	14.522	154	3264640m	52.265	ng		
53) 3-Nitroaniline	14.345	138	643574	41.775	ng	#	92
54) 2,4-Dinitrophenol	14.557	184	854214	121.100	ng		88
55) Dibenzofuran	14.857	168	4459848	46.414	ng		99
56) 4-Nitrophenol	14.657	139	1508841	113.292	ng		87
57) 2,4-Dinitrotoluene	14.816	165	1143212	55.688	ng		86
58) Fluorene	15.522	166	3452518	43.736	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.087	232	1049193	58.143	ng		99
60) Diethylphthalate	15.292	149	3737794	46.269	ng		99
61) 4-Chlorophenyl-phenyle...	15.516	204	1750095	42.890	ng		100
62) 4-Nitroaniline	15.528	138	833916	51.712	ng		90
63) Azobenzene	15.816	77	4064609	40.931	ng		95
65) 4,6-Dinitro-2-methylph...	15.592	198	609337	69.329	ng		96
66) n-Nitrosodiphenylamine	15.734	169	3142939	46.912	ng		99
67) 4-Bromophenyl-phenylether	16.428	248	1178450	44.539	ng		99
68) Hexachlorobenzene	16.545	284	1397904	44.707	ng		99
69) Atrazine	16.710	200	1005971	43.734	ng		99
70) Pentachlorophenol	16.898	266	1835835	107.572	ng		99
71) Phenanthrene	17.304	178	5668501	47.147	ng		100
72) Anthracene	17.392	178	5663510	48.032	ng		100
73) Carbazole	17.669	167	5463874	48.083	ng		99
74) Di-n-butylphthalate	18.269	149	6521571	46.731	ng		100
75) Fluoranthene	19.380	202	6881983	46.651	ng		100
77) Benzidine	19.569	184	1438487	26.591	ng		99
78) Pyrene	19.757	202	7232600	47.323	ng		100
80) Butylbenzylphthalate	20.716	149	3073691	52.615	ng		92
81) Benzo(a)anthracene	21.704	228	7024948	47.858	ng		99
82) 3,3'-Dichlorobenzidine	21.616	252	2041766	43.383	ng		99
83) Chrysene	21.769	228	6752651	48.724	ng		100
84) Bis(2-ethylhexyl)phtha...	21.651	149	4389884	50.600	ng		100
85) Di-n-octyl phthalate	22.980	149	7707038	50.312	ng		97
87) Indeno(1,2,3-cd)pyrene	29.092	276	9065510m	54.441	ng		
88) Benzo(b)fluoranthene	24.074	252	7506833	50.881	ng		100
89) Benzo(k)fluoranthene	24.151	252	7257114	50.423	ng		99
90) Benzo(a)pyrene	25.004	252	7046879	55.040	ng		99
91) Dibenzo(a,h)anthracene	29.180	278	7456852	53.895	ng		100
92) Benzo(g,h,i)perylene	30.321	276	7164041	51.661	ng		99

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

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