Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP081524\
Data File : BP021526.D
Acq On : 15 Aug 2024 23:41
Operator : RC/JU
Sample : P3607-01MS
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
NB-08-08142024MS

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 08/16/2024
Supervised By :mohammad ahmed 08/17/2024

Quant Time: Aug 16 01:31:57 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

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.805	152	482484	20.000	ng	0.00
21) Naphthalene-d8	10.593	136	1889605	20.000	ng	0.00
39) Acenaphthene-d10	14.445	164	1067617	20.000	ng	-0.01
64) Phenanthrene-d10	17.239	188	1902416	20.000	ng	-0.01
76) Chrysene-d12	21.692	240	1730727	20.000	ng	0.00
86) Perylene-d12	25.110	264	2156175	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.399	112	3609208	111.075	ng	0.00
7) Phenol-d6	6.969	99	4971831	104.890	ng	0.00
23) Nitrobenzene-d5	8.952	82	2948025	80.526	ng	0.00
42) 2,4,6-Tribromophenol	15.945	330	1257704	105.848	ng	-0.02
45) 2-Fluorobiphenyl	13.057	172	5042015	72.076	ng	0.00
79) Terphenyl-d14	19.963	244	5906602	66.301	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.317	88	562010	36.477	ng	99
3) Pyridine	3.705	79	1603928	37.291	ng	97
4) n-Nitrosodimethylamine	3.617	42	602778	46.627	ng	94
6) Aniline	7.128	93	2607584	55.027	ng	98
8) 2-Chlorophenol	7.369	128	1703686	56.736	ng	96
9) Benzaldehyde	6.946	77	1282950m	42.272	ng	
10) Phenol	6.993	94	2661392	54.220	ng	98
11) bis(2-Chloroethyl)ether	7.228	93	1957640	47.134	ng	97
12) 1,3-Dichlorobenzene	7.693	146	1740571	48.799	ng	98
13) 1,4-Dichlorobenzene	7.840	146	1783492	49.518	ng	98
14) 1,2-Dichlorobenzene	8.158	146	1721004	49.585	ng	99
15) Benzyl Alcohol	8.034	79	1816730	53.417	ng	96
16) 2,2'-oxybis(1-Chloropr...	8.328	45	1839124	48.084	ng	98
17) 2-Methylphenol	8.240	107	1667511	53.737	ng	98
18) Hexachloroethane	8.887	117	711995	49.297	ng	98
19) n-Nitroso-di-n-propyla...	8.605	70	1414683	43.206	ng	98
20) 3+4-Methylphenols	8.563	107	2276258	54.402	ng	99
22) Acetophenone	8.616	105	2892614	49.829	ng	99
24) Nitrobenzene	8.993	77	2135075	53.697	ng	95
25) Isophorone	9.522	82	4107460	47.492	ng	97
26) 2-Nitrophenol	9.705	139	769038	64.787	ng	96
27) 2,4-Dimethylphenol	9.763	122	1445226	67.711	ng	99
28) bis(2-Chloroethoxy)met...	9.999	93	2542280	48.155	ng	100
29) 2,4-Dichlorophenol	10.234	162	1527736	60.579	ng	98
30) 1,2,4-Trichlorobenzene	10.457	180	1612310	49.867	ng	98
31) Naphthalene	10.646	128	5210225	52.781	ng	100
32) Benzoic acid	9.905	122	1122998	68.341	ng	95
33) 4-Chloroaniline	10.746	127	1774238	47.849	ng	97
34) Hexachlorobutadiene	10.934	225	1002889	49.264	ng	99
35) Caprolactam	11.510	113	559760m	53.326	ng	
36) 4-Chloro-3-methylphenol	11.863	107	1898519	54.270	ng	98
37) 2-Methylnaphthalene	12.251	142	3501085	51.967	ng	99
38) 1-Methylnaphthalene	12.475	142	3317760	49.931	ng	100
40) 1,2,4,5-Tetrachloroben...	12.628	216	1752715	56.031	ng	100
41) Hexachlorocyclopentadiene	12.610	237	817174	82.424	ng	98
43) 2,4,6-Trichlorophenol	12.857	196	1153271	66.370	ng	99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.928	196	1222555	63.326	ng		98
46) 1,1'-Biphenyl	13.269	154	4108731	54.395	ng		98
47) 2-Chloronaphthalene	13.310	162	3191523	54.271	ng		98
48) 2-Nitroaniline	13.504	65	1043039	61.645	ng	#	85
49) Acenaphthylene	14.163	152	5063664	58.574	ng		100
50) Dimethylphthalate	13.898	163	3821178	53.445	ng		99
51) 2,6-Dinitrotoluene	14.004	165	786136	53.961	ng		97
52) Acenaphthene	14.510	154	3433909	60.539	ng		99
53) 3-Nitroaniline	14.334	138	774321	54.059	ng	#	92
54) 2,4-Dinitrophenol	14.540	184	477180	89.318	ng		94
55) Dibenzofuran	14.845	168	4764496	54.603	ng		98
56) 4-Nitrophenol	14.645	139	1374373	113.625	ng		91
57) 2,4-Dinitrotoluene	14.804	165	1053510	56.439	ng	#	85
58) Fluorene	15.504	166	3914975	54.615	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.075	232	985209	60.123	ng	#	90
60) Diethylphthalate	15.281	149	3744984	51.050	ng		99
61) 4-Chlorophenyl-phenyle...	15.498	204	1754504	47.350	ng		99
62) 4-Nitroaniline	15.510	138	759666	51.866	ng		95
63) Azobenzene	15.798	77	4122225	45.713	ng		94
65) 4,6-Dinitro-2-methylph...	15.575	198	315867	53.348	ng		89
66) n-Nitrosodiphenylamine	15.716	169	3269979	64.140	ng		100
67) 4-Bromophenyl-phenylether	16.416	248	1116170	55.436	ng		99
68) Hexachlorobenzene	16.528	284	1242472	52.218	ng		95
69) Atrazine	16.692	200	1043218	59.600	ng		99
70) Pentachlorophenol	16.875	266	1536465	118.309	ng		99
71) Phenanthrene	17.281	178	7744687	84.649	ng		99
72) Anthracene	17.375	178	5877847	65.508	ng		100
73) Carbazole	17.651	167	4783003	55.312	ng		99
74) Di-n-butylphthalate	18.251	149	5627621	52.992	ng		100
75) Fluoranthene	19.369	202	8332397	74.225	ng		99
77) Benzidine	19.563	184	2351179	62.342	ng		98
78) Pyrene	19.739	202	8854831	78.276	ng		98
80) Butylbenzylphthalate	20.692	149	2430365	55.961	ng		94
81) Benzo(a)anthracene	21.675	228	7499465	69.025	ng		98
82) 3,3'-Dichlorobenzidine	21.592	252	1926430	55.301	ng		99
83) Chrysene	21.739	228	7001753	68.257	ng		99
84) Bis(2-ethylhexyl)phtha...	21.627	149	3629579	56.522	ng		99
85) Di-n-octyl phthalate	22.939	149	6466666	56.388	ng		97
87) Indeno(1,2,3-cd)pyrene	29.009	276	8902554	63.696	ng	#	94
88) Benzo(b)fluoranthene	24.039	252	8176233	66.026	ng		99
89) Benzo(k)fluoranthene	24.104	252	6785693	56.172	ng		99
90) Benzo(a)pyrene	24.957	252	7567372	70.418	ng		99
91) Dibenzo(a,h)anthracene	29.104	278	6632941	57.117	ng		99
92) Benzo(g,h,i)perylene	30.215	276	6979678	59.965	ng		99

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

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