Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP052024\
Data File : BP020431.D
Acq On : 20 May 2024 18:18
Operator : MA/JU
Sample : SSTDICC060
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_P
ClientSampleId :
SSTDICC060

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 05/21/2024
Supervised By :mohammad ahmed 05/22/2024

Quant Time: May 21 01:43:21 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP052024.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue May 21 01:25:40 2024
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.587	152	132637	20.000	ng		0.00
21) Naphthalene-d8	10.357	136	525840	20.000	ng		0.00
39) Acenaphthene-d10	14.257	164	332991	20.000	ng		-0.01
64) Phenanthrene-d10	17.098	188	568338	20.000	ng		0.00
76) Chrysene-d12	21.598	240	507873	20.000	ng		0.00
86) Perylene-d12	24.933	264	589273	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.216	112	875938	121.916	ng		0.00
7) Phenol-d6	6.775	99	1257596	125.511	ng		0.00
23) Nitrobenzene-d5	8.751	82	1343308	122.913	ng		0.00
42) 2,4,6-Tribromophenol	15.804	330	482630	111.656	ng		0.00
45) 2-Fluorobiphenyl	12.857	172	2972252	125.853	ng		0.00
79) Terphenyl-d14	19.874	244	3417566	120.347	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.216	88	169131	54.442	ng		100
3) Pyridine	3.605	79	480353m	61.272	ng		
4) n-Nitrosodimethylamine	3.528	42	223878	58.839	ng		99
6) Aniline	6.940	93	596170	62.194	ng		98
8) 2-Chlorophenol	7.157	128	486785	60.959	ng		100
9) Benzaldehyde	6.757	77	272406	61.164	ng		96
10) Phenol	6.804	94	636580	62.921	ng		99
11) bis(2-Chloroethyl)ether	7.040	93	480074	60.865	ng		98
12) 1,3-Dichlorobenzene	7.475	146	557599	58.210	ng		98
13) 1,4-Dichlorobenzene	7.622	146	578846	58.872	ng		98
14) 1,2-Dichlorobenzene	7.928	146	563862	59.777	ng		98
15) Benzyl Alcohol	7.846	79	533131	64.441	ng		99
16) 2,2'-oxybis(1-Chloropr...	8.110	45	540924	60.029	ng		99
17) 2-Methylphenol	8.034	107	423325	62.631	ng		99
18) Hexachloroethane	8.634	117	217904	59.149	ng		97
19) n-Nitroso-di-n-propyla...	8.399	70	426330	63.687	ng		98
20) 3+4-Methylphenols	8.363	107	595129	63.269	ng		98
22) Acetophenone	8.416	105	823323	62.152	ng	#	99
24) Nitrobenzene	8.793	77	668379	61.543	ng		99
25) Isophorone	9.316	82	1140962	63.575	ng		99
26) 2-Nitrophenol	9.493	139	290391	66.131	ng		97
27) 2,4-Dimethylphenol	9.551	122	331357	63.377	ng		99
28) bis(2-Chloroethoxy)met...	9.793	93	652103	62.195	ng		99
29) 2,4-Dichlorophenol	10.022	162	496437	64.433	ng		98
30) 1,2,4-Trichlorobenzene	10.222	180	590696	60.431	ng		98
31) Naphthalene	10.410	128	1612204	60.646	ng		99
32) Benzoic acid	9.769	122	376395	61.256	ng		92
33) 4-Chloroaniline	10.551	127	577366	64.368	ng		99
34) Hexachlorobutadiene	10.669	225	406452	60.115	ng		98
35) Caprolactam	11.381	113	134820	60.067	ng		99
36) 4-Chloro-3-methylphenol	11.681	107	560766	62.534	ng		98
37) 2-Methylnaphthalene	12.034	142	1111162	61.187	ng		99
38) 1-Methylnaphthalene	12.257	142	1095401	61.226	ng		99
40) 1,2,4,5-Tetrachloroben...	12.404	216	678264	62.982	ng		99
41) Hexachlorocyclopentadiene	12.363	237	226744	62.846	ng		98
43) 2,4,6-Trichlorophenol	12.669	196	417257	64.431	ng		99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.745	196	461212	65.079	ng	97
46) 1,1'-Biphenyl	13.075	154	1438045	61.886	ng	99
47) 2-Chloronaphthalene	13.116	162	1159783	62.343	ng	99
48) 2-Nitroaniline	13.351	65	348225	63.343	ng	98
49) Acenaphthylene	13.981	152	1621532	60.982	ng	99
50) Dimethylphthalate	13.734	163	1325094	58.761	ng	99
51) 2,6-Dinitrotoluene	13.863	165	306539	59.667	ng	97
52) Acenaphthene	14.322	154	1013856	60.775	ng	99
53) 3-Nitroaniline	14.210	138	264676	60.145	ng	91
54) 2,4-Dinitrophenol	14.428	184	172023	56.899	ng	98
55) Dibenzofuran	14.675	168	1623611	59.476	ng	100
56) 4-Nitrophenol	14.539	139	182765	63.341	ng	98
57) 2,4-Dinitrotoluene	14.681	165	393953	57.838	ng	98
58) Fluorene	15.339	166	1291350	58.700	ng	98
59) 2,3,4,6-Tetrachlorophenol	14.910	232	369278	59.357	ng	98
60) Diethylphthalate	15.128	149	1245004	55.612	ng	99
61) 4-Chlorophenyl-phenyle...	15.339	204	711343	58.694	ng	98
62) 4-Nitroaniline	15.410	138	225445	55.235	ng	97
63) Azobenzene	15.645	77	1230497	57.565	ng	99
65) 4,6-Dinitro-2-methylph...	15.463	198	224079	59.655	ng	98
66) n-Nitrosodiphenylamine	15.575	169	1035650	67.030	ng	100
67) 4-Bromophenyl-phenylether	16.269	248	422235	66.926	ng	94
68) Hexachlorobenzene	16.363	284	485227	65.009	ng	96
69) Atrazine	16.569	200	259422	55.452	ng	99
70) Pentachlorophenol	16.739	266	278322	64.447	ng	98
71) Phenanthrene	17.145	178	1681116	61.623	ng	100
72) Anthracene	17.251	178	1639278	61.417	ng	100
73) Carbazole	17.545	167	1450025	59.167	ng	99
74) Di-n-butylphthalate	18.133	149	1728555	58.956	ng	99
75) Fluoranthene	19.263	202	1909728	56.956	ng	100
77) Benzidine	19.498	184	405582	67.504	ng	99
78) Pyrene	19.645	202	1972080	61.047	ng	99
80) Butylbenzylphthalate	20.616	149	755494	62.084	ng	99
81) Benzo(a)anthracene	21.580	228	1939109	61.102	ng	99
82) 3,3'-Dichlorobenzidine	21.510	252	672684	63.695	ng	98
83) Chrysene	21.651	228	1868696	60.891	ng	100
84) Bis(2-ethylhexyl)phtha...	21.527	149	1134295	64.198	ng	99
85) Di-n-octyl phthalate	22.815	149	1959133	65.242	ng	100
87) Indeno(1,2,3-cd)pyrene	28.750	276	2494124m	63.298	ng	
88) Benzo(b)fluoranthene	23.880	252	2141546	63.353	ng	100
89) Benzo(k)fluoranthene	23.951	252	2044543	61.046	ng	98
90) Benzo(a)pyrene	24.780	252	1902760	63.993	ng	99
91) Dibenzo(a,h)anthracene	28.809	278	2057276	63.155	ng	98
92) Benzo(g,h,i)perylene	29.921	276	2100879m	63.289	ng	

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

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