Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_P\Data\BP052924\
Data File : BP020472.D
Acq On : 29 May 2024 12:09
Operator : MA/JU
Sample : SSTDICC020
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: May 30 02:35:26 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_P\Methods\8270E-BP052924.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu May 30 02:29:32 2024
Response via : Initial Calibration

Instrument :
BNA_P
ClientSampleId :
SSTDICC020

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 05/30/2024
Supervised By :mohammad ahmed 05/31/2024

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.769	152	305355	20.000	ng		0.00
21) Naphthalene-d8	10.534	136	1333952	20.000	ng		0.00
39) Acenaphthene-d10	14.392	164	882832	20.000	ng		0.00
64) Phenanthrene-d10	17.198	188	1906598	20.000	ng		0.00
76) Chrysene-d12	21.657	240	1653637	20.000	ng		-0.01
86) Perylene-d12	25.027	264	1529421	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.375	112	712493	41.777	ng		0.00
7) Phenol-d6	6.928	99	1011061	42.038	ng		0.00
23) Nitrobenzene-d5	8.916	82	1011492	41.508	ng		0.00
42) 2,4,6-Tribromophenol	15.898	330	378086	41.266	ng		-0.01
45) 2-Fluorobiphenyl	12.998	172	2568826	43.377	ng		0.00
79) Terphenyl-d14	19.945	244	4028684	40.557	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.328	88	142412	20.666	ng		99
3) Pyridine	3.716	79	406107	20.957	ng		99
4) n-Nitrosodimethylamine	3.634	42	194762	20.696	ng		99
6) Aniline	7.105	93	512929	21.047	ng		98
8) 2-Chlorophenol	7.340	128	400834	20.966	ng		98
9) Benzaldehyde	6.928	77	325553	21.102	ng		98
10) Phenol	6.958	94	519465	21.085	ng		99
11) bis(2-Chloroethyl)ether	7.210	93	430135	21.171	ng		99
12) 1,3-Dichlorobenzene	7.657	146	472122	20.960	ng		99
13) 1,4-Dichlorobenzene	7.805	146	481772	21.044	ng		98
14) 1,2-Dichlorobenzene	8.116	146	463581	20.982	ng		99
15) Benzyl Alcohol	8.005	79	374194	21.063	ng		98
16) 2,2'-oxybis(1-Chloropr...	8.287	45	653622m	21.548	ng		
17) 2-Methylphenol	8.193	107	357659	21.393	ng		98
18) Hexachloroethane	8.840	117	175646	21.011	ng		99
19) n-Nitroso-di-n-propyla...	8.569	70	358497	21.834	ng		96
20) 3+4-Methylphenols	8.522	107	485356	21.344	ng		99
22) Acetophenone	8.581	105	693860	20.955	ng	#	99
24) Nitrobenzene	8.957	77	520054	21.028	ng		98
25) Isophorone	9.475	82	993110	20.975	ng		100
26) 2-Nitrophenol	9.657	139	162677	19.106	ng		96
27) 2,4-Dimethylphenol	9.710	122	297392	20.791	ng		98
28) bis(2-Chloroethoxy)met...	9.963	93	613464	21.080	ng		99
29) 2,4-Dichlorophenol	10.181	162	398813	20.782	ng		99
30) 1,2,4-Trichlorobenzene	10.399	180	470848	20.668	ng		100
31) Naphthalene	10.587	128	1427604	20.935	ng		99
32) Benzoic acid	9.810	122	203781	19.849	ng		99
33) 4-Chloroaniline	10.698	127	552801	20.955	ng		98
34) Hexachlorobutadiene	10.869	225	291359	20.303	ng		98
35) Caprolactam	11.457	113	145605	20.703	ng		96
36) 4-Chloro-3-methylphenol	11.810	107	463367	20.623	ng		100
37) 2-Methylnaphthalene	12.204	142	1006403	20.596	ng		99
38) 1-Methylnaphthalene	12.422	142	1000072	20.646	ng		99
40) 1,2,4,5-Tetrachloroben...	12.563	216	530892	20.784	ng		99
41) Hexachlorocyclopentadiene	12.551	237	180252	20.079	ng		96
43) 2,4,6-Trichlorophenol	12.810	196	322175	20.866	ng		98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.875	196	369421	20.739	ng	100
46) 1,1'-Biphenyl	13.222	154	1312242	21.062	ng	100
47) 2-Chloronaphthalene	13.257	162	1063731	21.476	ng	99
48) 2-Nitroaniline	13.463	65	284076	21.166	ng	97
49) Acenaphthylene	14.110	152	1570980	21.375	ng	99
50) Dimethylphthalate	13.845	163	1319954	21.211	ng	99
51) 2,6-Dinitrotoluene	13.969	165	281268	21.146	ng	98
52) Acenaphthene	14.457	154	985339m	21.254	ng	
53) 3-Nitroaniline	14.292	138	283305	21.234	ng	99
54) 2,4-Dinitrophenol	14.492	184	73220	19.760	ng	98
55) Dibenzofuran	14.798	168	1570910	21.391	ng	99
56) 4-Nitrophenol	14.587	139	216420	20.969	ng	95
57) 2,4-Dinitrotoluene	14.757	165	367566	21.027	ng	99
58) Fluorene	15.457	166	1272149	21.578	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.022	232	310530	21.302	ng	99
60) Diethylphthalate	15.234	149	1376687	21.763	ng	99
61) 4-Chlorophenyl-phenyle...	15.457	204	633613	20.827	ng	94
62) 4-Nitroaniline	15.469	138	294434	21.423	ng	96
63) Azobenzene	15.757	77	1278980	21.653	ng	99
65) 4,6-Dinitro-2-methylph...	15.528	198	121416	19.727	ng	94
66) n-Nitrosodiphenylamine	15.675	169	1097467	20.936	ng	99
67) 4-Bromophenyl-phenylether	16.375	248	388926	19.939	ng	98
68) Hexachlorobenzene	16.481	284	463671	20.198	ng	96
69) Atrazine	16.651	200	383040	20.771	ng	99
70) Pentachlorophenol	16.828	266	258830	18.564	ng	98
71) Phenanthrene	17.239	178	1943841	20.740	ng	99
72) Anthracene	17.333	178	1917266	20.847	ng	99
73) Carbazole	17.610	167	1875970	21.088	ng	99
74) Di-n-butylphthalate	18.227	149	2305362	21.400	ng	99
75) Fluoranthene	19.333	202	2402087	21.664	ng	99
77) Benzidine	19.539	184	787771	17.704	ng	99
78) Pyrene	19.710	202	2464197	19.811	ng	99
80) Butylbenzylphthalate	20.680	149	908638	19.652	ng	98
81) Benzo(a)anthracene	21.633	228	2261317	20.768	ng	99
82) 3,3'-Dichlorobenzidine	21.557	252	679407	20.991	ng	98
83) Chrysene	21.704	228	2135023	20.810	ng	99
84) Bis(2-ethylhexyl)phtha...	21.610	149	1461020	20.639	ng	100
85) Di-n-octyl phthalate	22.904	149	2107239	21.697	ng	99
87) Indeno(1,2,3-cd)pyrene	28.845	276	1818046m	19.556	ng	
88) Benzo(b)fluoranthene	23.957	252	2029842	21.304	ng	99
89) Benzo(k)fluoranthene	24.027	252	1947944	20.962	ng	99
90) Benzo(a)pyrene	24.862	252	1643935	20.833	ng	99
91) Dibenzo(a,h)anthracene	28.939	278	1515634	19.538	ng	99
92) Benzo(g,h,i)perylene	30.003	276	1502101	19.373	ng	99

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

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