Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM052722\
Data File : BM035284.D
Acq On : 27 May 2022 11:54
Operator : CG/JU
Sample : SSTDICC005
Misc :
ALS Vial : 3 Sample Multiplier: 1

Quant Time: May 27 14:49:55 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM052722.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 27 14:48:48 2022
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SSTDICC005

Manual Integrations APPROVED

Reviewed By :Christian Giraldo 05/28/2022
Supervised By :Jagrut Upadhyay 05/31/2022

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.875	152	107138	20.000	ng		0.00
21) Naphthalene-d8	10.675	136	390024	20.000	ng		0.00
39) Acenaphthene-d10	14.510	164	247100	20.000	ng		0.00
64) Phenanthrene-d10	17.256	188	526853	20.000	ng		0.00
76) Chrysene-d12	21.439	240	454853	20.000	ng		0.00
86) Perylene-d12	23.803	264	586136	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.457	112	59840	10.795	ng		0.00
7) Phenol-d6	7.045	99	75425	9.800	ng		0.00
23) Nitrobenzene-d5	9.034	82	75722	11.192	ng		0.00
42) 2,4,6-Tribromophenol	15.998	330	25591	6.333	ng		0.00
45) 2-Fluorobiphenyl	13.133	172	168556	9.692	ng		0.00
79) Terphenyl-d14	19.880	244	331693	14.281	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.363	88	12881	6.469	ng		94
3) Pyridine	3.769	79	31013	5.445	ng		91
4) n-Nitrosodimethylamine	3.681	42	15127	5.779	ng	#	96
6) Aniline	7.198	93	40312	4.817	ng		96
8) 2-Chlorophenol	7.439	128	32847	4.946	ng		96
9) Benzaldehyde	7.016	77	24019m	5.653	ng		
10) Phenol	7.075	94	37683	5.049	ng		97
11) bis(2-Chloroethyl)ether	7.298	93	29857	5.153	ng		99
12) 1,3-Dichlorobenzene	7.763	146	38987	5.194	ng		99
13) 1,4-Dichlorobenzene	7.910	146	39886	5.132	ng		98
14) 1,2-Dichlorobenzene	8.228	146	39152	5.083	ng		100
15) Benzyl Alcohol	8.122	79	25087	4.331	ng		97
16) 2,2'-oxybis(1-Chloropr...	8.410	45	44728	6.163	ng		96
17) 2-Methylphenol	8.328	107	26083	4.764	ng		96
18) Hexachloroethane	8.957	117	13728	5.226	ng		95
19) n-Nitroso-di-n-propyla...	8.681	70	24388	4.895	ng		94
20) 3+4-Methylphenols	8.657	107	34521	4.483	ng		96
22) Acetophenone	8.704	105	50069	5.470	ng	#	96
24) Nitrobenzene	9.081	77	36003	5.833	ng		96
25) Isophorone	9.604	82	55278	4.957	ng		98
26) 2-Nitrophenol	9.792	139	14140	4.052	ng		97
27) 2,4-Dimethylphenol	9.857	122	22954	4.758	ng		98
28) bis(2-Chloroethoxy)met...	10.092	93	37345	5.083	ng		99
29) 2,4-Dichlorophenol	10.339	162	25679	4.054	ng		97
30) 1,2,4-Trichlorobenzene	10.539	180	32315	4.440	ng		98
31) Naphthalene	10.722	128	94604	4.933	ng		99
33) 4-Chloroaniline	10.845	127	34654	4.262	ng		97
34) Hexachlorobutadiene	11.016	225	18987	3.938	ng		95
35) Caprolactam	11.622	113	7368	3.630	ng	#	79
36) 4-Chloro-3-methylphenol	11.975	107	27414	4.168	ng		98
37) 2-Methylnaphthalene	12.339	142	64904	4.508	ng		95
38) 1-Methylnaphthalene	12.557	142	64126	4.522	ng		98
40) 1,2,4,5-Tetrachloroben...	12.710	216	31383	3.995	ng		98
43) 2,4,6-Trichlorophenol	12.951	196	20735	3.937	ng		99
44) 2,4,5-Trichlorophenol	13.033	196	22545	3.940	ng		95
46) 1,1'-Biphenyl	13.345	154	88784	5.037	ng		99

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ClientSampleId :
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Manual Integrations APPROVED

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
47) 2-Chloronaphthalene	13.386	162	68138	4.981	ng		98
48) 2-Nitroaniline	13.598	65	16444	4.688	ng		95
49) Acenaphthylene	14.233	152	102067	4.823	ng		99
50) Dimethylphthalate	13.968	163	87378	4.679	ng		99
51) 2,6-Dinitrotoluene	14.086	165	15769	4.022	ng		91
52) Acenaphthene	14.574	154	63228	4.920	ng		99
53) 3-Nitroaniline	14.421	138	15911	4.089	ng	#	97
55) Dibenzofuran	14.910	168	109287	4.929	ng		97
56) 4-Nitrophenol	14.757	139	10933	3.300	ng		93
57) 2,4-Dinitrotoluene	14.880	165	20767	3.756	ng		92
58) Fluorene	15.557	166	83977	4.704	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.145	232	20011	3.597	ng		98
60) Diethylphthalate	15.333	149	86868	4.590	ng		99
61) 4-Chlorophenyl-phenyle...	15.557	204	42379	4.274	ng		96
62) 4-Nitroaniline	15.580	138	15419	3.703	ng		95
63) Azobenzene	15.845	77	79690	5.523	ng		96
65) 4,6-Dinitro-2-methylph...	15.645	198	11690	3.180	ng		91
66) n-Nitrosodiphenylamine	15.768	169	72081	4.933	ng		96
67) 4-Bromophenyl-phenylether	16.451	248	24517	4.031	ng		96
68) Hexachlorobenzene	16.568	284	28425	4.135	ng		96
69) Atrazine	16.721	200	23054	4.165	ng		98
70) Pentachlorophenol	16.915	266	13416	3.144	ng		98
71) Phenanthrene	17.298	178	133300	4.904	ng		99
72) Anthracene	17.392	178	124970	4.667	ng		99
73) Carbazole	17.662	167	122152	4.711	ng		97
74) Di-n-butylphthalate	18.227	149	163134	5.354	ng		100
75) Fluoranthene	19.315	202	182789	5.381	ng		96
77) Benzidine	19.503	184	60302	8.456	ng		99
78) Pyrene	19.674	202	170417	6.393	ng		99
80) Butylbenzylphthalate	20.580	149	66210	6.118	ng		90
81) Benzo(a)anthracene	21.421	228	150400	5.301	ng		98
82) 3,3'-Dichlorobenzidine	21.362	252	40025	5.639	ng		99
83) Chrysene	21.474	228	134440	4.964	ng		97
84) Bis(2-ethylhexyl)phtha...	21.356	149	91295	5.607	ng		99
85) Di-n-octyl phthalate	22.274	149	153860	5.537	ng	#	95
87) Indeno(1,2,3-cd)pyrene	26.250	276	190886	4.924	ng		95
88) Benzo(b)fluoranthene	23.086	252	170065	4.885	ng		98
89) Benzo(k)fluoranthene	23.133	252	176202	5.087	ng		99
90) Benzo(a)pyrene	23.703	252	141040	4.881	ng		97
91) Dibenzo(a,h)anthracene	26.268	278	158040	4.870	ng	#	95
92) Benzo(g,h,i)perylene	27.009	276	154527	4.953	ng		96

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

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