Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM051424\
Data File : BM045730.D
Acq On : 14 May 2024 14:07
Operator : MA/JU
Sample : SSTDICC020
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: May 15 01:33:30 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM051424.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 15 01:27:35 2024
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SSTDICC020

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 05/15/2024
Supervised By :mohammad ahmed 05/17/2024

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.575	152	73452	20.000	ng	0.00
21) Naphthalene-d8	10.345	136	321177	20.000	ng	0.00
39) Acenaphthene-d10	14.210	164	224664	20.000	ng	0.00
64) Phenanthrene-d10	16.951	188	601272	20.000	ng	0.00
76) Chrysene-d12	21.168	240	408616	20.000	ng	0.00
86) Perylene-d12	23.968	264	391029	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.263	112	185075	40.563	ng	0.00
7) Phenol-d6	6.851	99	221979	40.585	ng	0.00
23) Nitrobenzene-d5	8.745	82	308114	40.705	ng	0.00
42) 2,4,6-Tribromophenol	15.710	330	122896	37.326	ng	0.00
45) 2-Fluorobiphenyl	12.833	172	627007	37.873	ng	0.00
79) Terphenyl-d14	19.592	244	1387101	40.108	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.205	88	29577	21.034	ng	98
3) Pyridine	3.634	79	110196m	22.041	ng	
4) n-Nitrosodimethylamine	3.516	42	63663	21.041	ng	# 94
6) Aniline	6.957	93	101418	21.913	ng	98
8) 2-Chlorophenol	7.181	128	84729	20.184	ng	99
9) Benzaldehyde	6.757	77	90895	22.821	ng	98
10) Phenol	6.881	94	104965	20.374	ng	99
11) bis(2-Chloroethyl)ether	7.034	93	91752	21.044	ng	93
12) 1,3-Dichlorobenzene	7.463	146	111422	20.564	ng	97
13) 1,4-Dichlorobenzene	7.610	146	114271	20.638	ng	99
14) 1,2-Dichlorobenzene	7.928	146	103705	20.468	ng	96
15) Benzyl Alcohol	7.875	79	102556	20.288	ng	99
16) 2,2'-oxybis(1-Chloropr...	8.122	45	91578	20.837	ng	96
17) 2-Methylphenol	8.093	107	73227	20.326	ng	98
18) Hexachloroethane	8.645	117	50600	20.474	ng	93
19) n-Nitroso-di-n-propyla...	8.416	70	85306	20.351	ng	97
20) 3+4-Methylphenols	8.428	107	101424	19.390	ng	98
22) Acetophenone	8.422	105	157452	19.694	ng	98
24) Nitrobenzene	8.787	77	151142	20.778	ng	98
25) Isophorone	9.334	82	217922	20.410	ng	100
26) 2-Nitrophenol	9.492	139	48451	19.773	ng	97
27) 2,4-Dimethylphenol	9.598	122	60662	19.878	ng	98
28) bis(2-Chloroethoxy)met...	9.798	93	118133	19.609	ng	100
29) 2,4-Dichlorophenol	10.039	162	89305	20.358	ng	95
30) 1,2,4-Trichlorobenzene	10.204	180	106465	20.003	ng	96
31) Naphthalene	10.398	128	321429	19.995	ng	99
32) Benzoic acid	9.804	122	56919	19.291	ng	95
33) 4-Chloroaniline	10.569	127	117535	20.260	ng	98
34) Hexachlorobutadiene	10.686	225	69600	19.845	ng	98
35) Caprolactam	11.475	113	27079	19.296	ng	95
36) 4-Chloro-3-methylphenol	11.722	107	108686	19.801	ng	99
37) 2-Methylnaphthalene	12.010	142	231808	19.580	ng	98
38) 1-Methylnaphthalene	12.233	142	227558	19.583	ng	99
40) 1,2,4,5-Tetrachloroben...	12.380	216	117438	19.573	ng	97
41) Hexachlorocyclopentadiene	12.369	237	52514	19.850	ng	98
43) 2,4,6-Trichlorophenol	12.657	196	77681	19.937	ng	98

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	Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44)	2,4,5-Trichlorophenol	12.745	196	85803	19.516	ng		99
46)	1,1'-Biphenyl	13.045	154	310326	19.563	ng		98
47)	2-Chloronaphthalene	13.075	162	243337	19.788	ng		99
48)	2-Nitroaniline	13.327	65	88354	20.405	ng		98
49)	Acenaphthylene	13.927	152	383638	19.641	ng		99
50)	Dimethylphthalate	13.710	163	326805	19.848	ng		100
51)	2,6-Dinitrotoluene	13.810	165	73184	20.358	ng		93
52)	Acenaphthene	14.274	154	233618	19.474	ng		98
53)	3-Nitroaniline	14.169	138	70960	20.109	ng		94
54)	2,4-Dinitrophenol	14.345	184	35986	20.026	ng		95
55)	Dibenzofuran	14.610	168	400557	19.577	ng		97
56)	4-Nitrophenol	14.545	139	61604	20.375	ng		87
57)	2,4-Dinitrotoluene	14.598	165	109231	19.689	ng		96
58)	Fluorene	15.263	166	360547	19.461	ng		100
59)	2,3,4,6-Tetrachlorophenol	14.863	232	83603	19.977	ng		97
60)	Diethylphthalate	15.074	149	396155	20.565	ng		100
61)	4-Chlorophenyl-phenyle...	15.263	204	178869	19.581	ng		96
62)	4-Nitroaniline	15.345	138	78123	20.384	ng		91
63)	Azobenzene	15.557	77	405329	20.766	ng		98
65)	4,6-Dinitro-2-methylph...	15.357	198	57857	19.609	ng		88
66)	n-Nitrosodiphenylamine	15.486	169	278860	18.299	ng		98
67)	4-Bromophenyl-phenylether	16.157	248	111849	19.128	ng		97
68)	Hexachlorobenzene	16.251	284	136312	19.151	ng		94
69)	Atrazine	16.463	200	100914	20.779	ng		99
70)	Pentachlorophenol	16.627	266	86838	19.396	ng		96
71)	Phenanthrene	16.992	178	593188	19.503	ng		98
72)	Anthracene	17.086	178	562753	19.318	ng		100
73)	Carbazole	17.380	167	546201	19.358	ng		100
74)	Di-n-butylphthalate	17.945	149	708653	19.181	ng		99
75)	Fluoranthene	19.015	202	743759	19.554	ng		99
77)	Benzidine	19.233	184	174435	19.734	ng		97
78)	Pyrene	19.374	202	729763	19.764	ng		99
80)	Butylbenzylphthalate	20.304	149	303200	19.924	ng		98
81)	Benzo(a)anthracene	21.151	228	537070	19.298	ng		99
82)	3,3'-Dichlorobenzidine	21.103	252	196029	18.772	ng		99
83)	Chrysene	21.209	228	489659	19.070	ng		99
84)	Bis(2-ethylhexyl)phtha...	21.103	149	395456	18.846	ng		99
85)	Di-n-octyl phthalate	22.162	149	559726	18.980	ng		99
87)	Indeno(1,2,3-cd)pyrene	27.080	276	472332	20.445	ng	#	98
88)	Benzo(b)fluoranthene	23.092	252	533669	19.131	ng		99
89)	Benzo(k)fluoranthene	23.150	252	467071	18.531	ng		99
90)	Benzo(a)pyrene	23.839	252	428206	19.131	ng		99
91)	Dibenzo(a,h)anthracene	27.127	278	380728	20.133	ng		99
92)	Benzo(g,h,i)perylene	28.044	276	427853	20.655	ng		100

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

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