Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM050824\
Data File : BM045713.D
Acq On : 08 May 2024 15:20
Operator : MA/JU
Sample : SSTDICV040
Misc :
ALS Vial : 10 Sample Multiplier: 1

Quant Time: May 08 16:49:42 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM050824.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 08 16:45:57 2024
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
ICVBM050824

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 05/10/2024
Supervised By :mohammad ahmed 05/10/2024

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.645	152	682688	20.000	ng		0.00
21) Naphthalene-d8	10.422	136	3147569	20.000	ng		0.00
39) Acenaphthene-d10	14.280	164	1950626	20.000	ng		0.00
64) Phenanthrene-d10	17.027	188	3920661	20.000	ng		0.00
76) Chrysene-d12	21.221	240	3473820	20.000	ng		0.00
86) Perylene-d12	23.415	264	4045692	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.257	112	3218327	78.390	ng		0.00
7) Phenol-d6	6.822	99	4418165	79.367	ng		0.00
23) Nitrobenzene-d5	8.792	82	4448133	80.905	ng		0.00
42) 2,4,6-Tribromophenol	15.769	330	1585602	82.981	ng		0.00
45) 2-Fluorobiphenyl	12.910	172	9707222	80.983	ng		0.00
79) Terphenyl-d14	19.668	244	12819929	80.272	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.228	88	598277	38.348	ng		99
3) Pyridine	3.605	79	1801477m	39.061	ng		
4) n-Nitrosodimethylamine	3.522	42	950817	39.375	ng		95
6) Aniline	6.981	93	2227717	40.367	ng		98
8) 2-Chlorophenol	7.216	128	1811330	39.814	ng		100
9) Benzaldehyde	6.793	77	1126850	39.865	ng		98
10) Phenol	6.846	94	2243094	39.913	ng		100
11) bis(2-Chloroethyl)ether	7.081	93	1874800	39.360	ng		99
12) 1,3-Dichlorobenzene	7.534	146	2005193	39.262	ng		98
13) 1,4-Dichlorobenzene	7.681	146	2018483	39.027	ng		100
14) 1,2-Dichlorobenzene	7.993	146	1932404	39.064	ng		98
15) Benzyl Alcohol	7.881	79	1590103	40.360	ng		99
16) 2,2'-oxybis(1-Chloropr...	8.187	45	2902313	39.515	ng		99
17) 2-Methylphenol	8.087	107	1520983	39.838	ng		97
18) Hexachloroethane	8.716	117	785232	39.046	ng		97
19) n-Nitroso-di-n-propyla...	8.457	70	1515457	39.655	ng		99
20) 3+4-Methylphenols	8.410	107	2144003	40.210	ng		99
22) Acetophenone	8.457	105	2943868	39.283	ng	#	97
24) Nitrobenzene	8.834	77	2193479	40.080	ng		99
25) Isophorone	9.357	82	4298550	39.157	ng		100
26) 2-Nitrophenol	9.539	139	882748	39.021	ng		99
27) 2,4-Dimethylphenol	9.610	122	1296357	39.052	ng		99
28) bis(2-Chloroethoxy)met...	9.851	93	2612361	38.960	ng		98
29) 2,4-Dichlorophenol	10.069	162	1672873	40.414	ng		98
30) 1,2,4-Trichlorobenzene	10.287	180	1824313	38.966	ng		98
31) Naphthalene	10.469	128	6181608	38.864	ng		100
32) Benzoic acid	9.745	122	1103885	41.465	ng		98
33) 4-Chloroaniline	10.575	127	2466029	39.068	ng		99
34) Hexachlorobutadiene	10.769	225	1041168	38.974	ng		99
35) Caprolactam	11.351	113	647276	41.422	ng		99
36) 4-Chloro-3-methylphenol	11.710	107	1968389	40.431	ng		100
37) 2-Methylnaphthalene	12.086	142	4260821	39.162	ng		100
38) 1-Methylnaphthalene	12.310	142	4174824	38.813	ng		100
40) 1,2,4,5-Tetrachloroben...	12.463	216	1877119	39.029	ng		100
41) Hexachlorocyclopentadiene	12.451	237	667573	39.295	ng		98
43) 2,4,6-Trichlorophenol	12.704	196	1285608	41.345	ng		99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.769	196	1429872	41.340	ng	99
46) 1,1'-Biphenyl	13.116	154	5253203	38.833	ng	99
47) 2-Chloronaphthalene	13.151	162	4112350	38.816	ng	99
48) 2-Nitroaniline	13.351	65	1263242	39.854	ng	98
49) Acenaphthylene	13.998	152	6332779	39.136	ng	100
50) Dimethylphthalate	13.757	163	5194796	39.048	ng	100
51) 2,6-Dinitrotoluene	13.857	165	1120470	42.024	ng	98
52) Acenaphthene	14.345	154	3968921	38.887	ng	99
53) 3-Nitroaniline	14.180	138	1265133	42.338	ng	100
54) 2,4-Dinitrophenol	14.386	184	371084	43.300	ng	99
55) Dibenzofuran	14.686	168	6042929	38.998	ng	99
56) 4-Nitrophenol	14.486	139	1073463	39.721	ng	99
57) 2,4-Dinitrotoluene	14.645	165	1546412	39.530	ng	98
58) Fluorene	15.333	166	5119045	38.958	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.910	232	1170435	41.029	ng	100
60) Diethylphthalate	15.133	149	5654980	39.199	ng	99
61) 4-Chlorophenyl-phenyle...	15.339	204	2420341	38.871	ng	99
62) 4-Nitroaniline	15.351	138	1381054	42.478	ng	100
63) Azobenzene	15.633	77	5496715	39.189	ng	99
65) 4,6-Dinitro-2-methylph...	15.410	198	589593	42.573	ng	99
66) n-Nitrosodiphenylamine	15.551	169	4235837	39.474	ng	100
67) 4-Bromophenyl-phenylether	16.233	248	1484508	39.683	ng	98
68) Hexachlorobenzene	16.339	284	1715182	39.328	ng	99
69) Atrazine	16.510	200	1323767	40.677	ng	98
70) Pentachlorophenol	16.674	266	1145048	41.933	ng	99
71) Phenanthrene	17.068	178	7457595	40.217	ng	99
72) Anthracene	17.163	178	7458508	40.303	ng	100
73) Carbazole	17.427	167	7557472	40.177	ng	100
74) Di-n-butylphthalate	18.033	149	10275214	44.236	ng	100
75) Fluoranthene	19.086	202	9019721	41.663	ng	99
77) Benzidine	19.280	184	3788862	37.992	ng	100
78) Pyrene	19.451	202	9344010	41.798	ng	100
80) Butylbenzylphthalate	20.386	149	4397255	39.037	ng	97
81) Benzo(a)anthracene	21.203	228	8869729	40.823	ng	100
82) 3,3'-Dichlorobenzidine	21.139	252	3264828	40.320	ng	98
83) Chrysene	21.256	228	8204887	41.056	ng	99
84) Bis(2-ethylhexyl)phtha...	21.186	149	6972157	43.951	ng	100
85) Di-n-octyl phthalate	22.062	149	11317793	45.902	ng	99
87) Indeno(1,2,3-cd)pyrene	25.627	276	10006845	38.576	ng	100
88) Benzo(b)fluoranthene	22.762	252	9400443	39.670	ng	99
89) Benzo(k)fluoranthene	22.809	252	8850992	39.479	ng	100
90) Benzo(a)pyrene	23.321	252	8143528	39.128	ng	99
91) Dibenzo(a,h)anthracene	25.644	278	8347396	38.785	ng	100
92) Benzo(g,h,i)perylene	26.291	276	7966838	37.896	ng	100

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

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