Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM040224\
Data File : BM044879.D
Acq On : 02 Apr 2024 15:39
Operator : MA/JU
Sample : SSTDICC010
Misc :
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Apr 03 00:19:05 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM040224.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 03 00:16:03 2024
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SSTDICC010

Manual Integrations APPROVED

Reviewed By :Jagrut Upadhyay 04/03/2024
Supervised By :mohammad ahmed 04/04/2024

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.651	152	68049	20.000	ng		0.00
21) Naphthalene-d8	10.428	136	297799	20.000	ng		0.00
39) Acenaphthene-d10	14.298	164	211696	20.000	ng		0.00
64) Phenanthrene-d10	17.057	188	481519	20.000	ng		0.00
76) Chrysene-d12	21.262	240	539136	20.000	ng		0.00
86) Perylene-d12	23.497	264	684042	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.263	112	89743	19.911	ng		0.00
7) Phenol-d6	6.828	99	111815	18.794	ng		0.00
23) Nitrobenzene-d5	8.810	82	112745	18.645	ng		0.00
42) 2,4,6-Tribromophenol	15.798	330	59108	19.107	ng		0.00
45) 2-Fluorobiphenyl	12.910	172	289792	18.567	ng		0.00
79) Terphenyl-d14	19.703	244	576685	18.277	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.252	88	18444	10.508	ng		97
3) Pyridine	3.646	79	50337m	9.885	ng		
4) n-Nitrosodimethylamine	3.563	42	21606m	9.762	ng		
6) Aniline	6.993	93	66871	9.534	ng		98
8) 2-Chlorophenol	7.216	128	46665	9.695	ng		97
9) Benzaldehyde	6.816	77	34437	11.447	ng		95
10) Phenol	6.857	94	56417	9.614	ng		99
11) bis(2-Chloroethyl)ether	7.093	93	48410	10.083	ng		97
12) 1,3-Dichlorobenzene	7.540	146	50746	10.040	ng		98
13) 1,4-Dichlorobenzene	7.687	146	50399	9.915	ng		97
14) 1,2-Dichlorobenzene	7.992	146	49331	9.846	ng		98
15) Benzyl Alcohol	7.904	79	36605m	8.978	ng		
16) 2,2'-oxybis(1-Chloropr...	8.175	45	55383m	9.998	ng		
17) 2-Methylphenol	8.092	107	39682	9.288	ng		92
18) Hexachloroethane	8.704	117	19155	9.680	ng		98
19) n-Nitroso-di-n-propyla...	8.457	70	39541	9.958	ng		97
20) 3+4-Methylphenols	8.422	107	55266	9.308	ng		98
22) Acetophenone	8.481	105	75112	9.694	ng	#	98
24) Nitrobenzene	8.857	77	57091	9.653	ng		98
25) Isophorone	9.375	82	105820	9.838	ng		98
26) 2-Nitrophenol	9.557	139	24302	8.971	ng		96
27) 2,4-Dimethylphenol	9.616	122	42628	9.414	ng		98
28) bis(2-Chloroethoxy)met...	9.863	93	64527	9.715	ng		99
29) 2,4-Dichlorophenol	10.092	162	41265	8.954	ng		98
30) 1,2,4-Trichlorobenzene	10.292	180	46637	9.683	ng		97
31) Naphthalene	10.475	128	158742	9.863	ng		99
32) Benzoic acid	9.710	122	29555	7.800	ng		96
33) 4-Chloroaniline	10.610	127	66681	9.506	ng		98
34) Hexachlorobutadiene	10.745	225	26370	9.633	ng		99
35) Caprolactam	11.398	113	16896	10.168	ng		88
36) 4-Chloro-3-methylphenol	11.733	107	48675	9.750	ng		96
37) 2-Methylnaphthalene	12.098	142	113680	9.829	ng		99
38) 1-Methylnaphthalene	12.322	142	111196	10.156	ng		97
40) 1,2,4,5-Tetrachloroben...	12.469	216	53641	9.236	ng		99
41) Hexachlorocyclopentadiene	12.433	237	25165	7.724	ng		95
43) 2,4,6-Trichlorophenol	12.722	196	36030	8.759	ng		99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	12.798	196	44764	9.071	ng	97
46) 1,1'-Biphenyl	13.127	154	147575	9.314	ng	97
47) 2-Chloronaphthalene	13.163	162	111290	9.247	ng	100
48) 2-Nitroaniline	13.392	65	33868	8.898	ng	98
49) Acenaphthylene	14.016	152	190407	9.506	ng	99
50) Dimethylphthalate	13.769	163	167984	10.060	ng	98
51) 2,6-Dinitrotoluene	13.898	165	33319	9.499	ng	99
52) Acenaphthene	14.363	154	115882	9.598	ng	98
53) 3-Nitroaniline	14.227	138	34326	8.708	ng	99
54) 2,4-Dinitrophenol	14.445	184	14616	10.555	ng	97
55) Dibenzofuran	14.704	168	191174	9.604	ng	99
56) 4-Nitrophenol	14.545	139	26167	8.212	ng	91
57) 2,4-Dinitrotoluene	14.692	165	44598	9.091	ng	92
58) Fluorene	15.357	166	156795	9.720	ng	100
59) 2,3,4,6-Tetrachlorophenol	14.933	232	40161	9.802	ng	95
60) Diethylphthalate	15.145	149	170753	9.944	ng	98
61) 4-Chlorophenyl-phenyle...	15.357	204	76490	9.774	ng	95
62) 4-Nitroaniline	15.404	138	30145	8.232	ng	95
63) Azobenzene	15.651	77	157422	9.505	ng	98
65) 4,6-Dinitro-2-methylph...	15.451	198	23604	7.737	ng	87
66) n-Nitrosodiphenylamine	15.574	169	134509	9.232	ng	97
67) 4-Bromophenyl-phenylether	16.257	248	47102	9.166	ng	93
68) Hexachlorobenzene	16.351	284	56884	9.544	ng	96
69) Atrazine	16.539	200	46705	9.883	ng	99
70) Pentachlorophenol	16.710	266	35513	8.230	ng	96
71) Phenanthrene	17.098	178	258687	9.665	ng	99
72) Anthracene	17.192	178	255405	9.425	ng	99
73) Carbazole	17.474	167	247324	9.695	ng	99
74) Di-n-butylphthalate	18.045	149	304511	9.272	ng	99
75) Fluoranthene	19.127	202	312909	9.879	ng	99
77) Benzidine	19.339	184	96052	9.546	ng	98
78) Pyrene	19.492	202	332560	9.264	ng	98
80) Butylbenzylphthalate	20.415	149	145031	8.755	ng	99
81) Benzo(a)anthracene	21.250	228	354002	9.516	ng	99
82) 3,3'-Dichlorobenzidine	21.192	252	129844	9.453	ng	98
83) Chrysene	21.303	228	335445	9.502	ng	99
84) Bis(2-ethylhexyl)phtha...	21.192	149	226425	8.557	ng	99
85) Di-n-octyl phthalate	22.080	149	386226	8.770	ng	99
87) Indeno(1,2,3-cd)pyrene	25.744	276	487224	9.493	ng	99
88) Benzo(b)fluoranthene	22.827	252	377114	9.298	ng	99
89) Benzo(k)fluoranthene	22.874	252	375451	9.321	ng	99
90) Benzo(a)pyrene	23.397	252	364972	9.290	ng	100
91) Dibenzo(a,h)anthracene	25.762	278	408085	9.442	ng	97
92) Benzo(g,h,i)perylene	26.427	276	397456	9.573	ng	99

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

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