Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072823\
Data File : BM041161.D
Acq On : 28 Jul 2023 12:06
Operator : MA/JU
Sample : SSTDICC020
Misc :
ALS Vial : 5 Sample Multiplier: 1

Quant Time: Jul 29 00:06:02 2023
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM072823.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 28 23:54:24 2023
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SSTDICC020

Manual Integrations APPROVED

Reviewed By :Yogesh Patel 07/29/2023
Supervised By :mohammad ahmed 07/29/2023

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.804	152	176902	20.000	ng		0.00
21) Naphthalene-d8	10.610	136	673762	20.000	ng		0.00
39) Acenaphthene-d10	14.468	164	368953	20.000	ng		0.00
64) Phenanthrene-d10	17.227	188	741601	20.000	ng		0.00
76) Chrysene-d12	21.433	240	670247	20.000	ng		0.00
86) Perylene-d12	23.803	264	743228	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.369	112	493449	41.690	ng		0.00
7) Phenol-d6	6.981	99	651856	42.487	ng		0.00
23) Nitrobenzene-d5	8.981	82	596245	41.154	ng		0.00
42) 2,4,6-Tribromophenol	15.968	330	210403	40.318	ng		0.00
45) 2-Fluorobiphenyl	13.086	172	1194102	40.885	ng		0.00
79) Terphenyl-d14	19.862	244	1507692	40.671	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.263	88	106404	21.014	ng		99
3) Pyridine	3.675	79	284742	21.455	ng		99
4) n-Nitrosodimethylamine	3.587	42	131136	21.297	ng	#	99
6) Aniline	7.140	93	384363	21.407	ng		99
8) 2-Chlorophenol	7.369	128	244939	21.198	ng		99
9) Benzaldehyde	6.951	77	178038	21.968	ng		99
10) Phenol	7.004	94	314088	21.196	ng		98
11) bis(2-Chloroethyl)ether	7.240	93	255222	21.277	ng		98
12) 1,3-Dichlorobenzene	7.692	146	266806	21.212	ng		99
13) 1,4-Dichlorobenzene	7.840	146	265380	20.992	ng		99
14) 1,2-Dichlorobenzene	8.157	146	254660	21.009	ng		100
15) Benzyl Alcohol	8.057	79	197045	20.337	ng		98
16) 2,2'-oxybis(1-Chloropr...	8.345	45	343339m	21.483	ng		
17) 2-Methylphenol	8.257	107	215230	21.260	ng		99
18) Hexachloroethane	8.875	117	99138	21.064	ng		98
19) n-Nitroso-di-n-propyla...	8.622	70	201665	21.640	ng		99
20) 3+4-Methylphenols	8.592	107	290707	21.476	ng		97
22) Acetophenone	8.639	105	367142	20.575	ng	#	98
24) Nitrobenzene	9.022	77	302245	20.629	ng		98
25) Isophorone	9.545	82	506892	20.611	ng		99
26) 2-Nitrophenol	9.733	139	114156	19.931	ng		97
27) 2,4-Dimethylphenol	9.798	122	208423	20.680	ng		99
28) bis(2-Chloroethoxy)met...	10.033	93	319631	20.748	ng		99
29) 2,4-Dichlorophenol	10.269	162	210384	20.699	ng		98
30) 1,2,4-Trichlorobenzene	10.475	180	227605	20.269	ng		99
31) Naphthalene	10.663	128	753323	20.604	ng		99
32) Benzoic acid	9.922	122	112208	19.769	ng		96
33) 4-Chloroaniline	10.792	127	298510	20.430	ng		98
34) Hexachlorobutadiene	10.933	225	137591	20.373	ng		100
35) Caprolactam	11.586	113	55472	18.867	ng		96
36) 4-Chloro-3-methylphenol	11.922	107	218964	20.468	ng		98
37) 2-Methylnaphthalene	12.280	142	505823	20.521	ng		99
38) 1-Methylnaphthalene	12.504	142	472143	20.465	ng		98
40) 1,2,4,5-Tetrachloroben...	12.651	216	244591	20.416	ng		99
41) Hexachlorocyclopentadiene	12.616	237	117903	18.602	ng		100
43) 2,4,6-Trichlorophenol	12.898	196	156649	20.401	ng		98

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44) 2,4,5-Trichlorophenol	12.974	196	180722	20.334	ng	98
46) 1,1'-Biphenyl	13.298	154	614968	20.560	ng	99
47) 2-Chloronaphthalene	13.339	162	457487	20.484	ng	99
48) 2-Nitroaniline	13.569	65	142913	20.047	ng	98
49) Acenaphthylene	14.192	152	744159	20.644	ng	100
50) Dimethylphthalate	13.939	163	565077	20.361	ng	99
51) 2,6-Dinitrotoluene	14.063	165	117357	20.408	ng	92
52) Acenaphthene	14.533	154	444129	20.452	ng	97
53) 3-Nitroaniline	14.398	138	122358	19.978	ng	99
54) 2,4-Dinitrophenol	14.610	184	60018	20.163	ng	96
55) Dibenzofuran	14.874	168	726333	20.500	ng	100
56) 4-Nitrophenol	14.710	139	90764	18.938	ng	95
57) 2,4-Dinitrotoluene	14.857	165	150674	19.998	ng	99
58) Fluorene	15.521	166	571166	20.434	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.104	232	146979	20.423	ng	99
60) Diethylphthalate	15.304	149	539834	20.114	ng	99
61) 4-Chlorophenyl-phenyle...	15.521	204	282568	20.174	ng	99
62) 4-Nitroaniline	15.568	138	100578	19.129	ng	97
63) Azobenzene	15.815	77	608710	20.705	ng	99
65) 4,6-Dinitro-2-methylph...	15.621	198	84205	18.743	ng	97
66) n-Nitrosodiphenylamine	15.739	169	471563	20.446	ng	98
67) 4-Bromophenyl-phenylether	16.415	248	164577	20.241	ng	97
68) Hexachlorobenzene	16.527	284	182180	20.149	ng	96
69) Atrazine	16.698	200	127115	20.986	ng	99
70) Pentachlorophenol	16.880	266	124812	19.936	ng	97
71) Phenanthrene	17.274	178	831963	20.191	ng	100
72) Anthracene	17.362	178	826633	20.285	ng	99
73) Carbazole	17.645	167	744968	20.198	ng	100
74) Di-n-butylphthalate	18.204	149	814741	19.548	ng	100
75) Fluoranthene	19.298	202	919034	19.853	ng	99
77) Benzidine	19.498	184	163044	17.766	ng	99
78) Pyrene	19.662	202	968211	20.657	ng	99
80) Butylbenzylphthalate	20.568	149	337756	19.733	ng	99
81) Benzo(a)anthracene	21.415	228	930916	20.488	ng	99
82) 3,3'-Dichlorobenzidine	21.356	252	300292	20.253	ng	100
83) Chrysene	21.468	228	897415	20.420	ng	99
84) Bis(2-ethylhexyl)phtha...	21.345	149	476891	19.155	ng	99
85) Di-n-octyl phthalate	22.262	149	794073	18.356	ng	99
87) Indeno(1,2,3-cd)pyrene	26.250	276	1097984	20.094	ng	100
88) Benzo(b)fluoranthene	23.080	252	877034	19.864	ng	99
89) Benzo(k)fluoranthene	23.127	252	923696	20.452	ng	99
90) Benzo(a)pyrene	23.697	252	854008	20.130	ng	100
91) Dibenzo(a,h)anthracene	26.262	278	907818	19.918	ng	99
92) Benzo(g,h,i)perylene	27.003	276	906297	20.322	ng	99

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

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