Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM081621\
Data File : BM031750.D
Acq On : 16 Aug 2021 14:21
Operator : CG/JU
Sample : SSTDICC050
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDICC050

Manual Integrations APPROVED
mohammad
8/17/2021 1:21:58 PM

Quant Time: Aug 16 14:53:52 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM081621.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 16 14:20:08 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.551	152	43532	20.000	ng		0.00
21) Naphthalene-d8	10.316	136	196982	20.000	ng		0.00
39) Acenaphthene-d10	14.192	164	139362	20.000	ng		0.00
64) Phenanthrene-d10	16.945	188	305434	20.000	ng	#	0.00
76) Chrysene-d12	21.145	240	316907	20.000	ng		0.00
86) Perylene-d12	23.297	264	284421	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.187	112	254571	105.011	ng		0.00
7) Phenol-d6	6.751	99	375514	106.854	ng		0.00
23) Nitrobenzene-d5	8.710	82	442655	112.830	ng		0.00
42) 2,4,6-Tribromophenol	15.692	330	165994	91.214	ng		0.00
45) 2-Fluorobiphenyl	12.804	172	988969	105.883	ng		0.00
79) Terphenyl-d14	19.592	244	1833296	114.458	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.193	88	48941	50.241	ng	#	90
3) Pyridine	3.575	79	147440m	53.504	ng		
4) n-Nitrosodimethylamine	3.493	42	84870	54.187	ng		89
6) Aniline	6.904	93	202961	53.793	ng		97
8) 2-Chlorophenol	7.128	128	149429	52.366	ng		95
9) Benzaldehyde	6.716	77	121427	57.988	ng		99
10) Phenol	6.775	94	185503	54.484	ng		89
11) bis(2-Chloroethyl)ether	7.004	93	137921	54.720	ng		97
12) 1,3-Dichlorobenzene	7.440	146	157102	50.631	ng	#	93
13) 1,4-Dichlorobenzene	7.587	146	161081	51.011	ng		95
14) 1,2-Dichlorobenzene	7.898	146	160158	51.924	ng		96
15) Benzyl Alcohol	7.804	79	164983	55.767	ng		96
16) 2,2'-oxybis(1-Chloropr...	8.087	45	193358	61.318	ng		96
17) 2-Methylphenol	8.004	107	132601	55.668	ng		94
18) Hexachloroethane	8.604	117	68227	55.976	ng		89
19) n-Nitroso-di-n-propyla...	8.363	70	147798	59.549	ng		95
20) 3+4-Methylphenols	8.334	107	184024	54.634	ng		94
22) Acetophenone	8.375	105	261480	53.623	ng	#	92
24) Nitrobenzene	8.751	77	222819	56.245	ng		95
25) Isophorone	9.275	82	397886	56.717	ng		98
26) 2-Nitrophenol	9.445	139	92381	55.382	ng	#	83
27) 2,4-Dimethylphenol	9.516	122	136243	51.840	ng		95
28) bis(2-Chloroethoxy)met...	9.751	93	191392	54.109	ng		99
29) 2,4-Dichlorophenol	9.975	162	160690	51.690	ng		95
30) 1,2,4-Trichlorobenzene	10.181	180	166285	48.713	ng		97
31) Naphthalene	10.363	128	532118	52.502	ng		99
32) Benzoic acid	9.698	122	123417	55.115	ng		92
33) 4-Chloroaniline	10.492	127	225991	51.685	ng		94
34) Hexachlorobutadiene	10.639	225	105022	47.911	ng		96
35) Caprolactam	11.310	113	56787m	54.340	ng		
36) 4-Chloro-3-methylphenol	11.622	107	199267	56.170	ng		90
37) 2-Methylnaphthalene	11.980	142	398582	51.019	ng	#	96
38) 1-Methylnaphthalene	12.204	142	379640	51.034	ng	#	99
40) 1,2,4,5-Tetrachloroben...	12.357	216	188178	48.465	ng	#	97
41) Hexachlorocyclopentadiene	12.328	237	99026	45.845	ng		97
43) 2,4,6-Trichlorophenol	12.610	196	140509	51.516	ng		96

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44) 2,4,5-Trichlorophenol	12.680	196	154511	51.165	ng	#	90
46) 1,1'-Biphenyl	13.016	154	516991	52.318	ng		98
47) 2-Chloronaphthalene	13.057	162	403492	52.131	ng	#	93
48) 2-Nitroaniline	13.280	65	155063	62.869	ng		89
49) Acenaphthylene	13.910	152	667542	53.958	ng		99
50) Dimethylphthalate	13.669	163	542339	51.884	ng		99
51) 2,6-Dinitrotoluene	13.792	165	123866	52.901	ng	#	77
52) Acenaphthene	14.257	154	405603	52.098	ng		98
53) 3-Nitroaniline	14.122	138	129123	54.584	ng		90
54) 2,4-Dinitrophenol	14.333	184	74956	54.280	ng	#	82
55) Dibenzofuran	14.598	168	674588	52.833	ng		92
56) 4-Nitrophenol	14.439	139	113296	54.159	ng	#	75
57) 2,4-Dinitrotoluene	14.586	165	179772	55.138	ng	#	63
58) Fluorene	15.251	166	567406	52.678	ng		98
59) 2,3,4,6-Tetrachlorophenol	14.827	232	138220	49.117	ng	#	84
60) Diethylphthalate	15.039	149	603044	53.810	ng		97
61) 4-Chlorophenyl-phenyle...	15.251	204	273558	51.288	ng	#	88
62) 4-Nitroaniline	15.292	138	133787	51.270	ng	#	78
63) Azobenzene	15.545	77	669963	60.063	ng		92
65) 4,6-Dinitro-2-methylph...	15.351	198	106658	55.676	ng		74
66) n-Nitrosodiphenylamine	15.469	169	482832	53.781	ng		100
67) 4-Bromophenyl-phenylether	16.145	248	155286	49.138	ng	#	86
68) Hexachlorobenzene	16.251	284	168590	47.343	ng	#	89
69) Atrazine	16.439	200	171841	52.139	ng		99
70) Pentachlorophenol	16.598	266	118721	50.993	ng		98
71) Phenanthrene	16.986	178	897252	53.049	ng		99
72) Anthracene	17.080	178	879500	52.732	ng		99
73) Carbazole	17.357	167	882426	53.448	ng		98
74) Di-n-butylphthalate	17.927	149	1115397	57.509	ng	#	98
75) Fluoranthene	19.009	202	1077253	50.894	ng		98
77) Benzidine	19.209	184	471314	60.241	ng		99
78) Pyrene	19.374	202	1105936	55.884	ng		99
80) Butylbenzylphthalate	20.298	149	546992	64.735	ng		93
81) Benzo(a)anthracene	21.133	228	1107814	52.747	ng		98
82) 3,3'-Dichlorobenzidine	21.074	252	348557	60.542	ng		99
83) Chrysene	21.186	228	1073754	52.624	ng		99
84) Bis(2-ethylhexyl)phtha...	21.074	149	846905	64.693	ng	#	95
85) Di-n-octyl phthalate	21.939	149	1356789	60.526	ng	#	95
87) Indeno(1,2,3-cd)pyrene	25.433	276	930247	45.771	ng		98
88) Benzo(b)fluoranthene	22.662	252	1041477	55.261	ng		99
89) Benzo(k)fluoranthene	22.703	252	1021350	57.945	ng		99
90) Benzo(a)pyrene	23.209	252	922682	54.385	ng		99
91) Dibenzo(a,h)anthracene	25.444	278	820418	46.632	ng		99
92) Benzo(g,h,i)perylene	26.080	276	734559	43.821	ng		98

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

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