Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM072021\
Data File : BM031020.D
Acq On : 20 Jul 2021 12:38
Operator : CG/JU
Sample : SSTDICC080
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDICC080

Manual Integrations APPROVED
mohammad
7/21/2021 11:26:26 AM

Quant Time: Jul 20 13:06:53 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM072021.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 20 11:22:19 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.640	152	70429	20.000	ng		0.00
21) Naphthalene-d8	10.410	136	306402	20.000	ng		0.00
39) Acenaphthene-d10	14.274	164	223722	20.000	ng		0.00
64) Phenanthrene-d10	17.021	188	510859	20.000	ng		0.00
76) Chrysene-d12	21.209	240	592754	20.000	ng		0.00
86) Perylene-d12	23.391	264	618617	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.257	112	607101	153.626	ng		0.00
7) Phenol-d6	6.828	99	904405	159.152	ng		0.00
23) Nitrobenzene-d5	8.792	82	973434	159.076	ng		0.00
42) 2,4,6-Tribromophenol	15.768	330	489731	166.802	ng		0.00
45) 2-Fluorobiphenyl	12.892	172	2404537	158.226	ng		0.00
79) Terphenyl-d14	19.662	244	4782925	157.062	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.240	88	112202	71.397	ng		94
3) Pyridine	3.622	79	343966m	76.510	ng		
4) n-Nitrosodimethylamine	3.540	42	193893	76.120	ng		92
6) Aniline	6.987	93	480855	78.695	ng		99
8) 2-Chlorophenol	7.210	128	359057	77.063	ng		99
9) Benzaldehyde	6.798	77	220321	65.772	ng		99
10) Phenol	6.851	94	435042	78.653	ng		94
11) bis(2-Chloroethyl)ether	7.081	93	310195	75.329	ng		96
12) 1,3-Dichlorobenzene	7.528	146	374723	74.573	ng		97
13) 1,4-Dichlorobenzene	7.675	146	383993	74.840	ng		98
14) 1,2-Dichlorobenzene	7.987	146	379215	75.810	ng		97
15) Benzyl Alcohol	7.887	79	382225	79.229	ng		98
16) 2,2'-oxybis(1-Chloropr...	8.175	45	385592	74.533	ng		98
17) 2-Methylphenol	8.081	107	311276	79.104	ng		96
18) Hexachloroethane	8.704	117	151253	75.610	ng		92
19) n-Nitroso-di-n-propyla...	8.457	70	317784	77.566	ng		99
20) 3+4-Methylphenols	8.416	107	436064	79.432	ng		98
22) Acetophenone	8.463	105	600487	78.396	ng	#	97
24) Nitrobenzene	8.834	77	485600	78.457	ng		98
25) Isophorone	9.363	82	883992	80.185	ng		99
26) 2-Nitrophenol	9.534	139	220021	83.686	ng		90
27) 2,4-Dimethylphenol	9.598	122	328034	78.677	ng		96
28) bis(2-Chloroethoxy)met...	9.839	93	427150	76.061	ng		99
29) 2,4-Dichlorophenol	10.063	162	391652	80.155	ng		97
30) 1,2,4-Trichlorobenzene	10.275	180	416241	78.430	ng		97
31) Naphthalene	10.457	128	1238733	78.331	ng		100
32) Benzoic acid	9.792	122	303759	89.715	ng		97
33) 4-Chloroaniline	10.575	127	548366	80.944	ng		98
34) Hexachlorobutadiene	10.739	225	262737	75.853	ng		95
35) Caprolactam	11.392	113	139391m	86.304	ng		
36) 4-Chloro-3-methylphenol	11.710	107	456389	81.897	ng		95
37) 2-Methylnaphthalene	12.075	142	969215	79.851	ng		97
38) 1-Methylnaphthalene	12.298	142	919422	79.314	ng		99
40) 1,2,4,5-Tetrachloroben...	12.445	216	497088	78.174	ng		99
41) Hexachlorocyclopentadiene	12.427	237	272858	75.956	ng		99
43) 2,4,6-Trichlorophenol	12.692	196	360484	81.145	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.763	196	396695	81.468	ng		95
46) 1,1'-Biphenyl	13.104	154	1247601	78.346	ng		99
47) 2-Chloronaphthalene	13.139	162	994472	78.735	ng		96
48) 2-Nitroaniline	13.357	65	338674	85.528	ng		97
49) Acenaphthylene	13.992	152	1599820	79.755	ng		99
50) Dimethylphthalate	13.751	163	1329588	79.295	ng		100
51) 2,6-Dinitrotoluene	13.863	165	306876	82.270	ng		90
52) Acenaphthene	14.339	154	1005396	80.303	ng		97
53) 3-Nitroaniline	14.192	138	319336	84.709	ng		99
54) 2,4-Dinitrophenol	14.398	184	199049	91.807	ng		96
55) Dibenzofuran	14.674	168	1622150	78.876	ng		94
56) 4-Nitrophenol	14.504	139	282094	85.170	ng		86
57) 2,4-Dinitrotoluene	14.651	165	442314	84.561	ng	#	85
58) Fluorene	15.327	166	1408239	81.228	ng		99
59) 2,3,4,6-Tetrachlorophenol	14.904	232	373717	82.232	ng		94
60) Diethylphthalate	15.121	149	1434783	79.653	ng		98
61) 4-Chlorophenyl-phenyle...	15.327	204	684437	78.471	ng	#	88
62) 4-Nitroaniline	15.363	138	354123	85.935	ng		87
63) Azobenzene	15.621	77	1421674	79.940	ng		94
65) 4,6-Dinitro-2-methylph...	15.415	198	278711	86.958	ng		86
66) n-Nitrosodiphenylamine	15.545	169	1217128	79.874	ng		99
67) 4-Bromophenyl-phenylether	16.221	248	425364	79.012	ng		95
68) Hexachlorobenzene	16.327	284	476565	79.118	ng		99
69) Atrazine	16.510	200	435210	78.734	ng		97
70) Pentachlorophenol	16.668	266	335787	85.430	ng		98
71) Phenanthrene	17.062	178	2279799	80.712	ng		99
72) Anthracene	17.151	178	2263445	81.224	ng		100
73) Carbazole	17.427	167	2237336	81.897	ng		99
74) Di-n-butylphthalate	18.004	149	2701105	82.984	ng		99
75) Fluoranthene	19.080	202	2866228	82.308	ng		99
77) Benzidine	19.274	184	1073699	69.644	ng		99
78) Pyrene	19.445	202	2996704	79.442	ng		99
80) Butylbenzylphthalate	20.362	149	1347438	83.426	ng		97
81) Benzo(a)anthracene	21.197	228	3125273	79.725	ng		99
82) 3,3'-Dichlorobenzidine	21.139	252	887038	83.035	ng		99
83) Chrysene	21.250	228	3066736	80.421	ng		99
84) Bis(2-ethylhexyl)phtha...	21.145	149	2085038	83.976	ng		98
85) Di-n-octyl phthalate	22.009	149	3539956	84.262	ng		99
87) Indeno(1,2,3-cd)pyrene	25.585	276	3714498	86.315	ng		100
88) Benzo(b)fluoranthene	22.750	252	3346485	81.230	ng		99
89) Benzo(k)fluoranthene	22.791	252	3187895	81.186	ng		99
90) Benzo(a)pyrene	23.303	252	3062431	82.393	ng		99
91) Dibenzo(a,h)anthracene	25.597	278	3238051	87.083	ng		99
92) Benzo(g,h,i)perylene	26.244	276	3025978	85.781	ng		99

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

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