Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM071921\
Data File : BM031010.D
Acq On : 19 Jul 2021 18:00
Operator : CG/JU
Sample : SSTDICC080
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDICC080

Manual Integrations APPROVED
mohammad
7/20/2021 11:38:29 AM

Quant Time: Jul 19 18:31:21 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM071921.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 19 16:47:00 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.645	152	90380	20.000	ng		0.00
21) Naphthalene-d8	10.410	136	384662	20.000	ng		0.00
39) Acenaphthene-d10	14.274	164	277232	20.000	ng		0.00
64) Phenanthrene-d10	17.021	188	617813	20.000	ng		0.00
76) Chrysene-d12	21.215	240	677046	20.000	ng		0.00
86) Perylene-d12	23.391	264	679588	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.263	112	765378	137.668	ng		0.00
7) Phenol-d6	6.834	99	1133550	140.844	ng		0.00
23) Nitrobenzene-d5	8.798	82	1230264	155.814	ng		0.00
42) 2,4,6-Tribromophenol	15.774	330	620731	178.086	ng		0.00
45) 2-Fluorobiphenyl	12.898	172	3040034	144.205	ng		0.00
79) Terphenyl-d14	19.662	244	5630512	146.071	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.246	88	139575	58.074	ng		94
3) Pyridine	3.622	79	432031m	70.418	ng		
4) n-Nitrosodimethylamine	3.546	42	247387	79.430	ng		93
6) Aniline	6.992	93	597818	65.090	ng		99
8) 2-Chlorophenol	7.216	128	460362	70.551	ng		97
9) Benzaldehyde	6.798	77	268904	79.993	ng		99
10) Phenol	6.857	94	544499	66.970	ng		93
11) bis(2-Chloroethyl)ether	7.087	93	394581	61.595	ng		96
12) 1,3-Dichlorobenzene	7.534	146	477710	66.449	ng		97
13) 1,4-Dichlorobenzene	7.681	146	492472	67.220	ng		99
14) 1,2-Dichlorobenzene	7.987	146	484348	67.961	ng		97
15) Benzyl Alcohol	7.892	79	476520	84.367	ng		99
16) 2,2'-oxybis(1-Chloropr...	8.175	45	493115	47.837	ng		99
17) 2-Methylphenol	8.087	107	393241	74.636	ng		96
18) Hexachloroethane	8.704	117	193373	73.438	ng		93
19) n-Nitroso-di-n-propyla...	8.463	70	405540	75.892	ng		100
20) 3+4-Methylphenols	8.422	107	549146	76.605	ng		97
22) Acetophenone	8.463	105	765006	74.436	ng	#	96
24) Nitrobenzene	8.839	77	609955	74.056	ng		99
25) Isophorone	9.369	82	1101281	72.774	ng		99
26) 2-Nitrophenol	9.539	139	275358	87.396	ng		95
27) 2,4-Dimethylphenol	9.604	122	417274	71.235	ng		97
28) bis(2-Chloroethoxy)met...	9.845	93	550612	63.993	ng		99
29) 2,4-Dichlorophenol	10.069	162	500809	76.266	ng		98
30) 1,2,4-Trichlorobenzene	10.275	180	529402	70.630	ng		98
31) Naphthalene	10.463	128	1580721	70.545	ng		99
32) Benzoic acid	9.810	122	371125	103.770	ng		96
33) 4-Chloroaniline	10.581	127	686267	75.256	ng		98
34) Hexachlorobutadiene	10.745	225	339633	75.907	ng		95
35) Caprolactam	11.410	113	168901m	81.931	ng		
36) 4-Chloro-3-methylphenol	11.710	107	571214	83.045	ng		94
37) 2-Methylnaphthalene	12.080	142	1238081	75.306	ng		97
38) 1-Methylnaphthalene	12.298	142	1168782	74.639	ng		100
40) 1,2,4,5-Tetrachloroben...	12.451	216	629165	70.408	ng		99
41) Hexachlorocyclopentadiene	12.427	237	352506	71.946	ng		99
43) 2,4,6-Trichlorophenol	12.698	196	453713	75.104	ng		98

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44) 2,4,5-Trichlorophenol	12.769	196	494518	74.628	ng	94
46) 1,1'-Biphenyl	13.110	154	1589501	70.799	ng	99
47) 2-Chloronaphthalene	13.145	162	1256763	69.256	ng	94
48) 2-Nitroaniline	13.363	65	413656	84.812	ng	99
49) Acenaphthylene	13.998	152	2013562	72.431	ng	99
50) Dimethylphthalate	13.757	163	1647855	74.688	ng	99
51) 2,6-Dinitrotoluene	13.869	165	378550	77.833	ng	89
52) Acenaphthene	14.345	154	1257311	70.806	ng	97
53) 3-Nitroaniline	14.198	138	388202	80.429	ng	97
54) 2,4-Dinitrophenol	14.398	184	241456	90.579	ng	92
55) Dibenzofuran	14.680	168	2030225	71.855	ng	95
56) 4-Nitrophenol	14.510	139	343548	83.186	ng	86
57) 2,4-Dinitrotoluene	14.657	165	554230	92.047	ng	89
58) Fluorene	15.333	166	1760304	75.518	ng	99
59) 2,3,4,6-Tetrachlorophenol	14.904	232	461566	80.480	ng	93
60) Diethylphthalate	15.127	149	1782269	80.808	ng	98
61) 4-Chlorophenyl-phenyle...	15.333	204	870209	75.749	ng	91
62) 4-Nitroaniline	15.374	138	428492	86.483	ng	92
63) Azobenzene	15.627	77	1745743	78.365	ng	96
65) 4,6-Dinitro-2-methylph...	15.421	198	342227	82.876	ng	89
66) n-Nitrosodiphenylamine	15.551	169	1498285	69.735	ng	99
67) 4-Bromophenyl-phenylether	16.221	248	534031	74.175	ng	94
68) Hexachlorobenzene	16.327	284	597538	73.195	ng	96
69) Atrazine	16.510	200	536207	93.187	ng	96
70) Pentachlorophenol	16.674	266	407252	85.233	ng	97
71) Phenanthrene	17.068	178	2771808	71.300	ng	100
72) Anthracene	17.157	178	2750252	72.862	ng	100
73) Carbazole	17.433	167	2673922	74.283	ng	99
74) Di-n-butylphthalate	18.004	149	3244622	86.458	ng	98
75) Fluoranthene	19.086	202	3428307	77.692	ng	99
77) Benzidine	19.280	184	1222502	102.051	ng	99
78) Pyrene	19.451	202	3556017	69.314	ng	99
80) Butylbenzylphthalate	20.368	149	1581858	85.702	ng	98
81) Benzo(a)anthracene	21.197	228	3589133	72.837	ng	99
82) 3,3'-Dichlorobenzidine	21.139	252	987823	66.220	ng	99
83) Chrysene	21.250	228	3494389	72.970	ng	98
84) Bis(2-ethylhexyl)phtha...	21.145	149	2419485	87.217	ng	97
85) Di-n-octyl phthalate	22.015	149	4035814	93.129	ng	100
87) Indeno(1,2,3-cd)pyrene	25.585	276	3907430	75.593	ng	100
88) Benzo(b)fluoranthene	22.750	252	3828433	74.432	ng	99
89) Benzo(k)fluoranthene	22.797	252	3426772	68.214	ng	99
90) Benzo(a)pyrene	23.309	252	3361147	73.898	ng	100
91) Dibenzo(a,h)anthracene	25.603	278	3410512	76.526	ng	99
92) Benzo(g,h,i)perylene	26.250	276	3143065	74.146	ng	98

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

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