Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM090821\
Data File : BM032101.D
Acq On : 08 Sep 2021 18:13
Operator : CG/JU
Sample : SSTDICC080
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDICC080

Manual Integrations APPROVED
mohammad
9/9/2021 11:51:55 AM

Quant Time: Sep 08 18:48:33 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM090821.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 08 17:04:55 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.363	152	91054	20.000	ng		0.00
21) Naphthalene-d8	10.122	136	353345	20.000	ng	#	0.00
39) Acenaphthene-d10	14.027	164	247250	20.000	ng		0.00
64) Phenanthrene-d10	16.786	188	473976	20.000	ng		0.00
76) Chrysene-d12	21.009	240	374713	20.000	ng		0.00
86) Perylene-d12	23.103	264	340012	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.004	112	784647	137.639	ng		0.00
7) Phenol-d6	6.581	99	1191816	145.801	ng		0.01
23) Nitrobenzene-d5	8.528	82	1289767	165.112	ng		0.01
42) 2,4,6-Tribromophenol	15.539	330	386557	144.831	ng		0.00
45) 2-Fluorobiphenyl	12.633	172	2883658	157.730	ng		0.00
79) Terphenyl-d14	19.451	244	3747043	160.755	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.022	88	156003	68.897	ng	#	84
3) Pyridine	3.399	79	463298m	77.923	ng		
4) n-Nitrosodimethylamine	3.322	42	239603	74.930	ng	#	64
6) Aniline	6.722	93	649083	74.303	ng		96
8) 2-Chlorophenol	6.940	128	443109	67.114	ng		98
10) Phenol	6.604	94	601902	74.221	ng		94
11) bis(2-Chloroethyl)ether	6.828	93	443513	71.657	ng		97
12) 1,3-Dichlorobenzene	7.251	146	510939	72.956	ng		94
13) 1,4-Dichlorobenzene	7.398	146	519021	72.220	ng		100
14) 1,2-Dichlorobenzene	7.704	146	515348	74.121	ng		99
15) Benzyl Alcohol	7.628	79	498546	80.890	ng		96
16) 2,2'-oxybis(1-Chloropr...	7.904	45	630780	74.226	ng		97
17) 2-Methylphenol	7.822	107	402674	73.350	ng		98
18) Hexachloroethane	8.410	117	204982	73.083	ng	#	89
19) n-Nitroso-di-n-propyla...	8.187	70	439301	75.842	ng		92
20) 3+4-Methylphenols	8.157	107	557638	73.536	ng		98
22) Acetophenone	8.192	105	789609	82.254	ng	#	94
24) Nitrobenzene	8.569	77	663244	83.521	ng		99
25) Isophorone	9.092	82	1167482	84.932	ng		99
27) 2,4-Dimethylphenol	9.334	122	387824	77.279	ng		94
28) bis(2-Chloroethoxy)met...	9.575	93	582910	80.640	ng		100
29) 2,4-Dichlorophenol	9.786	162	461800	81.993	ng		99
30) 1,2,4-Trichlorobenzene	9.986	180	556745	90.573	ng		98
31) Naphthalene	10.169	128	1519608	77.669	ng		99
33) 4-Chloroaniline	10.304	127	605507	76.093	ng		99
34) Hexachlorobutadiene	10.445	225	369947	99.318	ng		98
35) Caprolactam	11.157	113	135806m	76.909	ng		
36) 4-Chloro-3-methylphenol	11.445	107	534815	81.153	ng		98
37) 2-Methylnaphthalene	11.792	142	1124572	79.295	ng		98
38) 1-Methylnaphthalene	12.022	142	1058100	78.173	ng		98
40) 1,2,4,5-Tetrachloroben...	12.175	216	629175	88.143	ng	#	96
41) Hexachlorocyclopentadiene	12.139	237	240956	72.858	ng		97
43) 2,4,6-Trichlorophenol	12.439	196	308615	60.792	ng		93
46) 1,1'-Biphenyl	12.845	154	1446519	74.707	ng		100
47) 2-Chloronaphthalene	12.880	162	1178419	77.217	ng		96
48) 2-Nitroaniline	13.116	65	364562	74.743	ng		96

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
49) Acenaphthylene	13.745	152	1806111	74.909	ng		100
50) Dimethylphthalate	13.516	163	1387977	72.647	ng		99
51) 2,6-Dinitrotoluene	13.639	165	316575	73.859	ng	#	77
52) Acenaphthene	14.092	154	1099245	74.364	ng		97
53) 3-Nitroaniline	13.969	138	286825	68.044	ng		100
54) 2,4-Dinitrophenol	14.186	184	98544	41.193	ng	#	71
55) Dibenzofuran	14.433	168	1820670	75.759	ng		95
56) 4-Nitrophenol	14.298	139	172751	51.205	ng		94
57) 2,4-Dinitrotoluene	14.439	165	430942	74.018	ng	#	82
58) Fluorene	15.092	166	1467092	75.439	ng		98
59) 2,3,4,6-Tetrachlorophenol	14.669	232	280980	60.177	ng	#	83
60) Diethylphthalate	14.892	149	1398067	69.900	ng		96
61) 4-Chlorophenyl-phenyle...	15.092	204	776549	82.836	ng		91
62) 4-Nitroaniline	15.151	138	264724	64.179	ng		93
63) Azobenzene	15.392	77	1607596	72.872	ng		91
65) 4,6-Dinitro-2-methylph...	15.204	198	144515	45.709	ng		82
66) n-Nitrosodiphenylamine	15.321	169	1252401	78.469	ng		95
67) 4-Bromophenyl-phenylether	15.992	248	452297	89.668	ng		91
68) Hexachlorobenzene	16.092	284	494978	91.822	ng	#	83
69) Atrazine	16.292	200	358220	71.867	ng		97
70) Pentachlorophenol	16.445	266	171500	50.885	ng		98
71) Phenanthrene	16.833	178	2103930	74.732	ng		99
72) Anthracene	16.921	178	2106933	76.778	ng		99
73) Carbazole	17.210	167	1885173	71.489	ng		98
74) Di-n-butylphthalate	17.786	149	2146419	67.789	ng		99
75) Fluoranthene	18.862	202	2271671	74.143	ng		99
77) Benzidine	19.074	184	543507	59.102	ng		98
78) Pyrene	19.227	202	2302260	77.296	ng		99
80) Butylbenzylphthalate	20.162	149	799020	63.133	ng		98
81) Benzo(a)anthracene	20.992	228	1945572	72.889	ng		99
82) 3,3'-Dichlorobenzidine	20.939	252	533798	72.190	ng		99
83) Chrysene	21.045	228	2081052	80.038	ng		99
84) Bis(2-ethylhexyl)phtha...	20.945	149	1161373	63.524	ng	#	95
85) Di-n-octyl phthalate	21.797	149	1869976	64.748	ng		95
87) Indeno(1,2,3-cd)pyrene	25.156	276	1827564	77.267	ng		95
88) Benzo(b)fluoranthene	22.492	252	1748596	69.509	ng		97
89) Benzo(k)fluoranthene	22.533	252	1970063	81.802	ng		98
90) Benzo(a)pyrene	23.015	252	1680977	76.160	ng		98
91) Dibenzo(a,h)anthracene	25.162	278	1568334	76.454	ng		98
92) Benzo(g,h,i)perylene	25.774	276	1551816	80.316	ng		98

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

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