Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM090821\
Data File : BM032100.D
Acq On : 08 Sep 2021 17:35
Operator : CG/JU
Sample : SSTDICC060
Misc :
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Sep 08 18:34:54 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

Instrument :
BNA_M
ClientSampleId :
SSTDICC060

Manual Integrations APPROVED
mohammad
9/9/2021 11:51:46 AM

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.363	152	78152	20.000	ng		0.00
21) Naphthalene-d8	10.116	136	295209	20.000	ng	#	0.00
39) Acenaphthene-d10	14.022	164	196795	20.000	ng		0.00
64) Phenanthrene-d10	16.786	188	378954	20.000	ng		0.00
76) Chrysene-d12	21.009	240	344209	20.000	ng		0.00
86) Perylene-d12	23.103	264	322994	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.004	112	520928	106.464	ng		0.00
7) Phenol-d6	6.575	99	783010	111.603	ng		0.00
23) Nitrobenzene-d5	8.522	82	832415	127.549	ng		0.00
42) 2,4,6-Tribromophenol	15.533	330	208159	97.987	ng		0.00
45) 2-Fluorobiphenyl	12.628	172	1795319	123.377	ng		0.00
79) Terphenyl-d14	19.451	244	2477216	115.696	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.022	88	111079	57.155	ng		88
3) Pyridine	3.399	79	308284m	60.411	ng		
4) n-Nitrosodimethylamine	3.322	42	159488	58.110	ng	#	62
6) Aniline	6.722	93	424842	56.662	ng		98
8) 2-Chlorophenol	6.940	128	289898	51.157	ng		98
9) Benzaldehyde	6.534	77	207204	48.152	ng		99
10) Phenol	6.598	94	395839	56.869	ng		96
11) bis(2-Chloroethyl)ether	6.822	93	292291	55.020	ng		97
12) 1,3-Dichlorobenzene	7.251	146	341208	56.764	ng		97
13) 1,4-Dichlorobenzene	7.398	146	350118	56.760	ng		98
14) 1,2-Dichlorobenzene	7.704	146	343059	57.487	ng		98
15) Benzyl Alcohol	7.622	79	313645	59.290	ng		97
16) 2,2'-oxybis(1-Chloropr...	7.904	45	418958	57.439	ng		97
17) 2-Methylphenol	7.822	107	264497	56.134	ng		98
18) Hexachloroethane	8.410	117	134350	55.808	ng	#	88
19) n-Nitroso-di-n-propyla...	8.181	70	282234	56.770	ng		93
20) 3+4-Methylphenols	8.151	107	353161	54.260	ng		100
22) Acetophenone	8.193	105	515127	64.228	ng	#	94
24) Nitrobenzene	8.563	77	434439	65.482	ng		99
25) Isophorone	9.087	82	735980	64.085	ng		100
27) 2,4-Dimethylphenol	9.334	122	246453	58.780	ng		94
28) bis(2-Chloroethoxy)met...	9.569	93	367087	60.784	ng		99
29) 2,4-Dichlorophenol	9.787	162	286502	60.886	ng		96
30) 1,2,4-Trichlorobenzene	9.987	180	357925	69.696	ng		97
31) Naphthalene	10.169	128	977772	59.817	ng		100
32) Benzoic acid	9.534	122	98513	29.268	ng		97
33) 4-Chloroaniline	10.304	127	378545	56.940	ng		98
34) Hexachlorobutadiene	10.445	225	239763	77.045	ng		98
35) Caprolactam	11.128	113	79136m	53.642	ng		
36) 4-Chloro-3-methylphenol	11.439	107	320486	58.208	ng		99
37) 2-Methylnaphthalene	11.792	142	706330	59.612	ng		98
38) 1-Methylnaphthalene	12.022	142	668513	59.116	ng		98
40) 1,2,4,5-Tetrachloroben...	12.175	216	393534	69.266	ng	#	96
41) Hexachlorocyclopentadiene	12.139	237	142395	54.095	ng		99
43) 2,4,6-Trichlorophenol	12.433	196	173935	43.046	ng		92
44) 2,4,5-Trichlorophenol	12.504	196	230869	52.596	ng		94

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
46) 1,1'-Biphenyl	12.845	154	899219	58.348	ng		99
47) 2-Chloronaphthalene	12.880	162	735743	60.571	ng		96
48) 2-Nitroaniline	13.116	65	216317	55.720	ng		96
49) Acenaphthylene	13.739	152	1110143	57.848	ng		99
50) Dimethylphthalate	13.510	163	853650	56.135	ng		99
51) 2,6-Dinitrotoluene	13.633	165	192837	56.525	ng	#	76
52) Acenaphthene	14.092	154	677087	57.548	ng		96
53) 3-Nitroaniline	13.963	138	172806	51.506	ng		99
54) 2,4-Dinitrophenol	14.180	184	56189	29.510	ng	#	76
55) Dibenzofuran	14.433	168	1125849	58.858	ng		94
56) 4-Nitrophenol	14.292	139	94239	35.095	ng		92
57) 2,4-Dinitrotoluene	14.433	165	252263	54.437	ng		90
58) Fluorene	15.086	166	887407	57.330	ng		98
59) 2,3,4,6-Tetrachlorophenol	14.669	232	142309	38.292	ng	#	83
60) Diethylphthalate	14.886	149	846233	53.157	ng		96
61) 4-Chlorophenyl-phenyle...	15.092	204	476930	63.919	ng		88
62) 4-Nitroaniline	15.145	138	163247	49.724	ng		90
63) Azobenzene	15.386	77	993061	56.556	ng		93
65) 4,6-Dinitro-2-methylph...	15.198	198	84276	33.340	ng		82
66) n-Nitrosodiphenylamine	15.316	169	755611	59.213	ng		96
67) 4-Bromophenyl-phenylether	15.992	248	271491	67.319	ng	#	90
68) Hexachlorobenzene	16.086	284	305742	70.939	ng	#	84
69) Atrazine	16.286	200	228629	57.369	ng		95
70) Pentachlorophenol	16.445	266	107701	39.968	ng		98
71) Phenanthrene	16.833	178	1307564	58.091	ng		99
72) Anthracene	16.921	178	1313305	59.858	ng		100
73) Carbazole	17.210	167	1194553	56.658	ng		98
74) Di-n-butylphthalate	17.780	149	1328204	52.466	ng		99
75) Fluoranthene	18.862	202	1482215	60.507	ng		99
77) Benzidine	19.074	184	381416	45.151	ng		97
78) Pyrene	19.227	202	1525494	55.756	ng		99
80) Butylbenzylphthalate	20.162	149	524043	45.075	ng	#	96
81) Benzo(a)anthracene	20.992	228	1371021	55.916	ng		99
82) 3,3'-Dichlorobenzidine	20.939	252	393978	58.003	ng		99
83) Chrysene	21.045	228	1456585	60.985	ng		99
84) Bis(2-ethylhexyl)phtha...	20.945	149	811833	48.340	ng	#	95
85) Di-n-octyl phthalate	21.798	149	1309099	49.345	ng		95
87) Indeno(1,2,3-cd)pyrene	25.156	276	1370006	60.974	ng	#	95
88) Benzo(b)fluoranthene	22.492	252	1271931	53.225	ng	#	98
89) Benzo(k)fluoranthene	22.533	252	1442739	63.063	ng	#	98
90) Benzo(a)pyrene	23.015	252	1230784	58.702	ng		99
91) Dibenzo(a,h)anthracene	25.162	278	1175321	60.314	ng		97
92) Benzo(g,h,i)perylene	25.774	276	1156001	62.982	ng		97

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

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