Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM100221\
Data File : BM032309.D
Acq On : 01 Oct 2021 11:07
Operator : CG/JU
Sample : SSTDICC020
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDICC020

Manual Integrations APPROVED
mohammad
10/5/2021 12:06:07 PM

Quant Time: Oct 01 12:23:57 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM100221.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Oct 01 12:21:14 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.637	152	341022	20.00	ng		0.00
21) Naphthalene-d8	10.431	136	1309978	20.00	ng	#	0.00
39) Acenaphthene-d10	14.289	164	797903	20.00	ng		0.00
64) Phenanthrene-d10	17.012	188	1557882	20.00	ng		0.00
76) Chrysene-d12	21.177	240	1297051	20.00	ng		0.00
86) Perylene-d12	23.330	264	1148246	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.213	112	838404	41.54	ng		0.00
7) Phenol-d6	6.825	99	1139637	38.88	ng		0.00
23) Nitrobenzene-d5	8.795	82	962251	41.28	ng		0.00
42) 2,4,6-Tribromophenol	15.771	330	357617	41.29	ng		0.00
45) 2-Fluorobiphenyl	12.901	172	2206416	44.69	ng		0.00
79) Terphenyl-d14	19.624	244	2812369	50.17	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.013	88	175140	20.77	ng		90
3) Pyridine	3.425	79	471228	19.39	ng		94
4) n-Nitrosodimethylamine	3.337	42	192304	19.40	ng	#	62
6) Aniline	6.966	93	619283	18.81	ng		91
8) 2-Chlorophenol	7.213	128	451506	20.06	ng		91
9) Benzaldehyde	6.766	77	330010	19.44	ng		85
10) Phenol	6.854	94	543673	19.25	ng		82
11) bis(2-Chloroethyl)ether	7.060	93	436572	19.40	ng		91
12) 1,3-Dichlorobenzene	7.531	146	511499	20.50	ng	#	91
13) 1,4-Dichlorobenzene	7.678	146	518863	20.41	ng		97
14) 1,2-Dichlorobenzene	7.995	146	496232	20.07	ng		96
15) Benzyl Alcohol	7.884	79	379962	18.82	ng	#	87
16) 2,2'-oxybis(1-Chloropr...	8.172	45	550761	18.39	ng		98
17) 2-Methylphenol	8.101	107	365855	19.23	ng	#	88
18) Hexachloroethane	8.731	117	173377	20.48	ng		93
19) n-Nitroso-di-n-propyla...	8.442	70	308677	18.65	ng	#	85
20) 3+4-Methylphenols	8.425	107	492698	18.82	ng		93
22) Acetophenone	8.454	105	652545	20.32	ng	#	88
24) Nitrobenzene	8.836	77	462014	20.40	ng	#	89
25) Isophorone	9.354	82	779488	19.54	ng		96
26) 2-Nitrophenol	9.548	139	206373	20.38	ng	#	73
27) 2,4-Dimethylphenol	9.619	122	360889	20.22	ng		94
28) bis(2-Chloroethoxy)met...	9.836	93	569878	19.70	ng		100
29) 2,4-Dichlorophenol	10.089	162	400990	20.53	ng		95
30) 1,2,4-Trichlorobenzene	10.301	180	460646	21.27	ng		98
31) Naphthalene	10.478	128	1367151	20.37	ng		99
32) Benzoic acid	9.748	122	210913	16.50	ng	#	82
33) 4-Chloroaniline	10.583	127	557181	19.51	ng	#	93
34) Hexachlorobutadiene	10.789	225	274239	21.73	ng		96
35) Caprolactam	11.319	113	113466	15.92	ng	#	82
36) 4-Chloro-3-methylphenol	11.725	107	423029	19.37	ng		96
37) 2-Methylnaphthalene	12.095	142	929012m	20.06	ng		
38) 1-Methylnaphthalene	12.319	142	903795	19.93	ng	#	97
40) 1,2,4,5-Tetrachloroben...	12.477	216	477651	21.40	ng	#	95
41) Hexachlorocyclopentadiene	12.472	237	223730	22.87	ng		97
43) 2,4,6-Trichlorophenol	12.719	196	323334	20.89	ng		95

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.789	196	344646	20.57	ng	#	90
46) 1,1'-Biphenyl	13.113	154	1225212	20.91	ng		99
47) 2-Chloronaphthalene	13.154	162	922718	20.68	ng		98
48) 2-Nitroaniline	13.354	65	238290	19.36	ng	#	80
49) Acenaphthylene	14.007	152	1429313	20.55	ng		100
50) Dimethylphthalate	13.736	163	1136301	20.36	ng		99
51) 2,6-Dinitrotoluene	13.848	165	225674	20.30	ng	#	68
52) Acenaphthene	14.348	154	944070	20.33	ng		97
53) 3-Nitroaniline	14.183	138	250314	19.23	ng		85
54) 2,4-Dinitrophenol	14.383	184	109953	16.95	ng	#	63
55) Dibenzofuran	14.683	168	1439320	20.40	ng		92
56) 4-Nitrophenol	14.501	139	205771	18.60	ng	#	65
57) 2,4-Dinitrotoluene	14.636	165	291772	19.73	ng	#	62
58) Fluorene	15.330	166	1074388	20.36	ng		99
59) 2,3,4,6-Tetrachlorophenol	14.913	232	293493	20.08	ng	#	83
60) Diethylphthalate	15.101	149	1097241	19.89	ng		95
61) 4-Chlorophenyl-phenyle...	15.318	204	558906	20.93	ng		92
62) 4-Nitroaniline	15.342	138	245694	18.47	ng	#	67
63) Azobenzene	15.613	77	1063241	19.94	ng		85
65) 4,6-Dinitro-2-methylph...	15.401	198	167493	18.78	ng	#	79
66) n-Nitrosodiphenylamine	15.536	169	961004	21.10	ng		97
67) 4-Bromophenyl-phenylether	16.207	248	333237	21.43	ng		93
68) Hexachlorobenzene	16.342	284	365815	21.26	ng	#	83
69) Atrazine	16.471	200	316958	20.76	ng		93
70) Pentachlorophenol	16.677	266	216197	20.31	ng		99
71) Phenanthrene	17.054	178	1696329	20.61	ng		100
72) Anthracene	17.142	178	1649922	20.69	ng		99
73) Carbazole	17.407	167	1623147	19.95	ng		98
74) Di-n-butylphthalate	17.965	149	1705038	20.61	ng	#	97
75) Fluoranthene	19.059	202	1827760	19.63	ng		97
77) Benzidine	19.242	184	650240	20.30	ng		98
78) Pyrene	19.424	202	1882968	23.31	ng		99
80) Butylbenzylphthalate	20.312	149	655332	21.24	ng		91
81) Benzo(a)anthracene	21.159	228	1676687	21.01	ng		99
82) 3,3'-Dichlorobenzidine	21.095	252	522429	20.40	ng		99
83) Chrysene	21.212	228	1621487	20.85	ng		100
84) Bis(2-ethylhexyl)phtha...	21.083	149	891346	21.37	ng		95
85) Di-n-octyl phthalate	21.930	149	1388582	18.54	ng	#	91
87) Indeno(1,2,3-cd)pyrene	25.465	276	1473531	19.23	ng		96
88) Benzo(b)fluoranthene	22.694	252	1435845	22.23	ng		99
89) Benzo(k)fluoranthene	22.730	252	1439123	21.92	ng		99
90) Benzo(a)pyrene	23.241	252	1155460	20.97	ng		99
91) Dibenzo(a,h)anthracene	25.471	278	1243344	19.58	ng	#	96
92) Benzo(g,h,i)perylene	26.124	276	1210326	18.40	ng	#	96

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

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