Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM100221\
Data File : BM032314.D
Acq On : 01 Oct 2021 14:40
Operator : CG/JU
Sample : SSTDICV040
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
ICVBM100221

Manual Integrations APPROVED
mohammad
10/5/2021 12:06:15 PM

Quant Time: Oct 01 18:43:07 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 18:34:58 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.637	152	376322	20.00	ng		0.00
21) Naphthalene-d8	10.431	136	1481574	20.00	ng		# 0.00
39) Acenaphthene-d10	14.289	164	938478	20.00	ng		0.00
64) Phenanthrene-d10	17.013	188	1919102	20.00	ng		# 0.00
76) Chrysene-d12	21.183	240	1715021	20.00	ng		0.00
86) Perylene-d12	23.336	264	1705517	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.207	112	1730611	77.48	ng		0.00
7) Phenol-d6	6.825	99	2395055	78.42	ng		0.00
23) Nitrobenzene-d5	8.795	82	2116737	79.46	ng		0.00
42) 2,4,6-Tribromophenol	15.771	330	845623	80.49	ng		0.00
45) 2-Fluorobiphenyl	12.907	172	4537964	71.90	ng		0.00
79) Terphenyl-d14	19.630	244	5959035	73.18	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.008	88	365390	38.44	ng		91
3) Pyridine	3.419	79	1009445	39.25	ng		93
4) n-Nitrosodimethylamine	3.337	42	406400	39.40	ng	#	60
6) Aniline	6.960	93	1344689	39.84	ng		90
8) 2-Chlorophenol	7.207	128	956513	39.29	ng		92
9) Benzaldehyde	6.760	77	661789	37.12	ng		87
10) Phenol	6.854	94	1159239	39.42	ng		81
11) bis(2-Chloroethyl)ether	7.054	93	914722	39.11	ng		94
12) 1,3-Dichlorobenzene	7.531	146	1052647	38.36	ng	#	91
13) 1,4-Dichlorobenzene	7.672	146	1077660	38.59	ng		97
14) 1,2-Dichlorobenzene	7.995	146	1035091	38.61	ng		96
15) Benzyl Alcohol	7.878	79	851224	40.69	ng		87
16) 2,2'-oxybis(1-Chloropr...	8.172	45	1156663	39.04	ng		97
17) 2-Methylphenol	8.095	107	798534	40.18	ng	#	90
18) Hexachloroethane	8.725	117	375963	39.54	ng		93
19) n-Nitroso-di-n-propyla...	8.448	70	672685	40.51	ng	#	83
20) 3+4-Methylphenols	8.425	107	1083669	40.42	ng		94
22) Acetophenone	8.454	105	1384347	38.77	ng	#	87
24) Nitrobenzene	8.837	77	1007848	39.23	ng	#	88
25) Isophorone	9.354	82	1807921	40.84	ng		95
26) 2-Nitrophenol	9.548	139	504130	42.17	ng	#	73
27) 2,4-Dimethylphenol	9.619	122	798693	39.60	ng		94
28) bis(2-Chloroethoxy)met...	9.837	93	1245627	39.14	ng		100
29) 2,4-Dichlorophenol	10.084	162	903036	40.20	ng		96
30) 1,2,4-Trichlorobenzene	10.295	180	978213	38.39	ng		99
31) Naphthalene	10.478	128	2930298	38.55	ng		99
32) Benzoic acid	9.795	122	612325	40.98	ng	#	82
33) 4-Chloroaniline	10.584	127	1241556	39.56	ng	#	93
34) Hexachlorobutadiene	10.784	225	585724	38.47	ng		98
35) Caprolactam	11.348	113	299105	43.45	ng	#	78
36) 4-Chloro-3-methylphenol	11.731	107	978105	40.45	ng		95
37) 2-Methylnaphthalene	12.095	142	2014392m	38.99	ng		
38) 1-Methylnaphthalene	12.319	142	1975184	39.12	ng	#	99
40) 1,2,4,5-Tetrachloroben...	12.478	216	1027978	38.03	ng	#	96
41) Hexachlorocyclopentadiene	12.466	237	519760	40.33	ng		98
43) 2,4,6-Trichlorophenol	12.719	196	744329	39.79	ng		94

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.789	196	798907	39.73	ng	#	91
46) 1,1'-Biphenyl	13.113	154	2642891	38.16	ng		99
47) 2-Chloronaphthalene	13.154	162	2036007	38.34	ng		98
48) 2-Nitroaniline	13.354	65	608995	42.18	ng	#	81
49) Acenaphthylene	14.007	152	3235501	39.24	ng		99
50) Dimethylphthalate	13.742	163	2566181	38.72	ng		100
51) 2,6-Dinitrotoluene	13.854	165	545782	40.66	ng	#	63
52) Acenaphthene	14.348	154	2126979	39.10	ng		97
53) 3-Nitroaniline	14.183	138	627093	41.57	ng		85
54) 2,4-Dinitrophenol	14.383	184	321171	43.12	ng	#	64
55) Dibenzofuran	14.683	168	3167706	38.26	ng		93
56) 4-Nitrophenol	14.507	139	523328	42.07	ng	#	66
57) 2,4-Dinitrotoluene	14.642	165	744828	42.09	ng	#	59
58) Fluorene	15.330	166	2303204	36.57	ng		99
59) 2,3,4,6-Tetrachlorophenol	14.919	232	691770	39.94	ng	#	83
60) Diethylphthalate	15.107	149	2578174	39.63	ng		95
61) 4-Chlorophenyl-phenyle...	15.319	204	1193374	36.58	ng		94
62) 4-Nitroaniline	15.348	138	636923	42.31	ng	#	70
63) Azobenzene	15.613	77	2459840	39.72	ng		85
65) 4,6-Dinitro-2-methylph...	15.407	198	470119	43.52	ng	#	75
66) n-Nitrosodiphenylamine	15.536	169	2178572	38.45	ng		98
67) 4-Bromophenyl-phenylether	16.207	248	775711	38.84	ng		93
68) Hexachlorobenzene	16.342	284	844960	38.43	ng	#	84
69) Atrazine	16.477	200	772086	40.01	ng		95
70) Pentachlorophenol	16.677	266	563742	41.54	ng		97
71) Phenanthrene	17.054	178	3809170	37.82	ng		100
72) Anthracene	17.142	178	3823409	38.85	ng		99
73) Carbazole	17.413	167	3785787	38.73	ng		98
74) Di-n-butylphthalate	17.965	149	4337283	41.31	ng	#	97
75) Fluoranthene	19.065	202	4344219	38.89	ng		97
77) Benzidine	19.242	184	1630357	38.27	ng		98
78) Pyrene	19.424	202	4456008	38.32	ng		98
80) Butylbenzylphthalate	20.312	149	1918214	43.43	ng		93
81) Benzo(a)anthracene	21.165	228	4132377	38.55	ng		97
82) 3,3'-Dichlorobenzidine	21.101	252	1373169	40.66	ng		99
83) Chrysene	21.218	228	3952860	38.12	ng		99
84) Bis(2-ethylhexyl)phtha...	21.083	149	2570090	43.15	ng		95
85) Di-n-octyl phthalate	21.936	149	4467276	44.73	ng	#	90
87) Indeno(1,2,3-cd)pyrene	25.483	276	4051567	38.55	ng		96
88) Benzo(b)fluoranthene	22.695	252	4023670	38.78	ng		99
89) Benzo(k)fluoranthene	22.736	252	3804140	37.53	ng		98
90) Benzo(a)pyrene	23.242	252	3307905	39.32	ng		99
91) Dibenzo(a,h)anthracene	25.483	278	3396774	38.34	ng	#	95
92) Benzo(g,h,i)perylene	26.141	276	3381132	38.60	ng	#	95

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

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