Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM110121\
Data File : BM032835.D
Acq On : 01 Nov 2021 16:02
Operator : CG/JU
Sample : SSTDICCC040
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SSTDICCC040

Quant Time: Nov 01 16:54:43 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM110121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Nov 01 16:50:00 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.495	152	138237	20.000	ng		0.00
21) Naphthalene-d8	10.277	136	599504	20.000	ng	#	0.00
39) Acenaphthene-d10	14.160	164	398618	20.000	ng		0.00
64) Phenanthrene-d10	16.895	188	815708	20.000	ng	#	0.00
76) Chrysene-d12	21.083	240	769967	20.000	ng		0.00
86) Perylene-d12	23.194	264	796395	20.000	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.084	112	603081	73.507	ng		0.00
7) Phenol-d6	6.701	99	957924	85.379	ng		0.00
23) Nitrobenzene-d5	8.654	82	939485	87.159	ng		0.00
42) 2,4,6-Tribromophenol	15.654	330	348711	78.142	ng		0.00
45) 2-Fluorobiphenyl	12.771	172	2053829	76.607	ng		0.00
79) Terphenyl-d14	19.524	244	2841882	77.732	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.919	88	84752	24.274	ng		92
3) Pyridine	3.325	79	280018	29.639	ng		91
4) n-Nitrosodimethylamine	3.243	42	121285	32.009	ng	#	74
6) Aniline	6.831	93	537932	43.391	ng		95
8) 2-Chlorophenol	7.072	128	364175	40.726	ng		95
9) Benzaldehyde	6.631	77	258922	39.541	ng		92
10) Phenol	6.725	94	462318	42.796	ng		87
11) bis(2-Chloroethyl)ether	6.925	93	362655	42.212	ng		98
12) 1,3-Dichlorobenzene	7.389	146	396579	39.345	ng	#	92
13) 1,4-Dichlorobenzene	7.531	146	410825	40.049	ng		98
14) 1,2-Dichlorobenzene	7.854	146	408066	41.442	ng		96
15) Benzyl Alcohol	7.748	79	350775	45.648	ng		91
16) 2,2'-oxybis(1-Chloropr...	8.031	45	546573	50.215	ng		97
17) 2-Methylphenol	7.966	107	323833	44.359	ng	#	92
18) Hexachloroethane	8.572	117	156127	44.704	ng		94
19) n-Nitroso-di-n-propyla...	8.307	70	303700	49.787	ng		91
20) 3+4-Methylphenols	8.295	107	446779	45.363	ng		96
22) Acetophenone	8.319	105	602796	41.721	ng		92
24) Nitrobenzene	8.695	77	446388	42.938	ng		91
25) Isophorone	9.213	82	810509	45.252	ng		97
26) 2-Nitrophenol	9.401	139	210563	43.530	ng	#	80
27) 2,4-Dimethylphenol	9.483	122	324784	39.800	ng		95
28) bis(2-Chloroethoxy)met...	9.701	93	522936	40.606	ng		99
29) 2,4-Dichlorophenol	9.942	162	368802	40.577	ng		96
30) 1,2,4-Trichlorobenzene	10.148	180	404167	39.202	ng		98
31) Naphthalene	10.330	128	1242425	40.389	ng		100
32) Benzoic acid	9.666	122	270119	47.625	ng	#	83
33) 4-Chloroaniline	10.442	127	523805	41.251	ng		96
34) Hexachlorobutadiene	10.630	225	245486	39.849	ng		98
35) Caprolactam	11.224	113	128890	46.273	ng		93
36) 4-Chloro-3-methylphenol	11.595	107	419970	42.919	ng		98
37) 2-Methylnaphthalene	11.948	142	862492	41.256	ng		95
38) 1-Methylnaphthalene	12.171	142	843794	41.304	ng		98
40) 1,2,4,5-Tetrachloroben...	12.336	216	445506	38.799	ng	#	96
41) Hexachlorocyclopentadiene	12.324	237	257783	47.095	ng		98
43) 2,4,6-Trichlorophenol	12.583	196	313162	39.417	ng		96

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.660	196	339045	39.701	ng	#	92
46) 1,1'-Biphenyl	12.983	154	1155331	39.276	ng		100
47) 2-Chloronaphthalene	13.018	162	889963	39.452	ng		98
48) 2-Nitroaniline	13.230	65	288422	47.029	ng		89
49) Acenaphthylene	13.877	152	1432766	40.909	ng		99
50) Dimethylphthalate	13.624	163	1129401	40.122	ng		100
51) 2,6-Dinitrotoluene	13.736	165	241410	42.338	ng	#	66
52) Acenaphthene	14.224	154	846326	36.630	ng		97
53) 3-Nitroaniline	14.065	138	272459	42.523	ng		91
54) 2,4-Dinitrophenol	14.271	184	148193	46.837	ng	#	70
55) Dibenzofuran	14.560	168	1409204	40.068	ng		93
56) 4-Nitrophenol	14.401	139	224938	42.572	ng	#	69
57) 2,4-Dinitrotoluene	14.524	165	334614	44.518	ng	#	66
58) Fluorene	15.207	166	1057809	39.547	ng		99
59) 2,3,4,6-Tetrachlorophenol	14.795	232	301546	40.986	ng	#	84
60) Diethylphthalate	14.995	149	1134124	41.040	ng		96
61) 4-Chlorophenyl-phenyle...	15.201	204	533499	38.503	ng		93
62) 4-Nitroaniline	15.236	138	286630	44.824	ng	#	73
63) Azobenzene	15.495	77	1165618	44.309	ng		88
65) 4,6-Dinitro-2-methylph...	15.295	198	213340	46.467	ng		84
66) n-Nitrosodiphenylamine	15.424	169	963971	40.024	ng		97
67) 4-Bromophenyl-phenylether	16.095	248	334790	39.434	ng		92
68) Hexachlorobenzene	16.224	284	365701	39.131	ng	#	86
69) Atrazine	16.371	200	324333	39.541	ng		95
70) Pentachlorophenol	16.565	266	243641	42.239	ng		98
71) Phenanthrene	16.936	178	1735646	40.540	ng		99
72) Anthracene	17.024	178	1738343	41.553	ng		100
73) Carbazole	17.301	167	1712665	41.226	ng		98
74) Di-n-butylphthalate	17.859	149	1889215	42.331	ng	#	98
75) Fluoranthene	18.953	202	1993691	41.993	ng		97
77) Benzidine	19.142	184	782093	40.890	ng		98
78) Pyrene	19.318	202	2069399	39.635	ng		99
80) Butylbenzylphthalate	20.218	149	856585	43.194	ng		93
81) Benzo(a)anthracene	21.065	228	1963073	40.789	ng		99
82) 3,3'-Dichlorobenzidine	21.000	252	614895	40.558	ng		99
83) Chrysene	21.118	228	1913539	41.099	ng		100
84) Bis(2-ethylhexyl)phtha...	20.994	149	1134356	42.425	ng		95
85) Di-n-octyl phthalate	21.836	149	2033458	45.350	ng	#	93
87) Indeno(1,2,3-cd)pyrene	25.282	276	2009345	40.944	ng		95
88) Benzo(b)fluoranthene	22.571	252	1850983	38.208	ng		98
89) Benzo(k)fluoranthene	22.612	252	1925987	40.696	ng		99
90) Benzo(a)pyrene	23.106	252	1599565	40.716	ng		99
91) Dibenzo(a,h)anthracene	25.288	278	1673615	40.451	ng	#	96
92) Benzo(g,h,i)perylene	25.924	276	1695789	41.459	ng	#	94

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

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