Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM043021\
Data File : BM029706.D
Acq On : 29 Apr 2021 12:49
Operator : CG/JU
Sample : SSTDICC005
Misc :
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Apr 29 15:28:22 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM043021.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Apr 29 15:25:42 2021
Response via : Initial Calibration

Instrument :
BNA_M
ClientSampleId :
SSTDICC005

Manual Integrations APPROVED
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5/3/2021 10:48:59 AM

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.598	152	61513	20.00	ng		0.00
21) Naphthalene-d8	10.375	136	234779	20.00	ng		0.00
39) Acenaphthene-d10	14.245	164	174350	20.00	ng		0.00
64) Phenanthrene-d10	16.986	188	382484	20.00	ng		0.00
76) Chrysene-d12	21.174	240	408177	20.00	ng		0.00
86) Perylene-d12	23.350	264	456400	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.199	112	30424	9.92	ng		0.00
7) Phenol-d6	6.781	99	40572	8.85	ng		0.00
23) Nitrobenzene-d5	8.751	82	38053	8.35	ng		0.00
42) 2,4,6-Tribromophenol	15.739	330	23703	9.83	ng		0.00
45) 2-Fluorobiphenyl	12.863	172	122945	9.57	ng		0.00
79) Terphenyl-d14	19.621	244	202285	9.40	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.134	88	6036	4.88	ng	#	92
3) Pyridine	3.563	79	10562m	3.35	ng		
4) n-Nitrosodimethylamine	3.475	42	5268	3.41	ng	#	80
6) Aniline	6.934	93	21811	4.33	ng		91
8) 2-Chlorophenol	7.163	128	18494	4.85	ng		94
9) Benzaldehyde	6.751	77	8477m	3.25	ng		
10) Phenol	6.804	94	19562	4.40	ng		96
11) bis(2-Chloroethyl)ether	7.034	93	14820	4.37	ng		94
12) 1,3-Dichlorobenzene	7.487	146	23075	5.25	ng		100
13) 1,4-Dichlorobenzene	7.634	146	22959	5.10	ng		98
14) 1,2-Dichlorobenzene	7.945	146	23428	5.22	ng		96
15) Benzyl Alcohol	7.846	79	14676	4.41	ng		93
16) 2,2'-oxybis(1-Chloropr...	8.128	45	17997	4.03	ng		92
17) 2-Methylphenol	8.045	107	13321	4.30	ng		92
18) Hexachloroethane	8.663	117	7951	4.89	ng	#	85
19) n-Nitroso-di-n-propyla...	8.404	70	12353	3.70	ng		93
20) 3+4-Methylphenols	8.381	107	17634	4.14	ng		96
22) Acetophenone	8.422	105	25378	4.51	ng	#	95
24) Nitrobenzene	8.792	77	19686	4.27	ng		91
25) Isophorone	9.316	82	35536	4.15	ng		98
26) 2-Nitrophenol	9.504	139	8784	4.41	ng		92
27) 2,4-Dimethylphenol	9.569	122	14023	4.56	ng		95
28) bis(2-Chloroethoxy)met...	9.804	93	18376	4.34	ng		98
29) 2,4-Dichlorophenol	10.039	162	18679	4.60	ng		95
30) 1,2,4-Trichlorobenzene	10.239	180	24175	5.17	ng		98
31) Naphthalene	10.422	128	59556	4.93	ng		99
33) 4-Chloroaniline	10.551	127	20886	4.39	ng		96
34) Hexachlorobutadiene	10.710	225	17041	5.73	ng		94
35) Caprolactam	11.334	113	3863	3.14	ng	#	79
36) 4-Chloro-3-methylphenol	11.681	107	16360	4.12	ng		96
37) 2-Methylnaphthalene	12.045	142	44426	4.60	ng		98
38) 1-Methylnaphthalene	12.269	142	43079	4.68	ng		98
40) 1,2,4,5-Tetrachloroben...	12.422	216	28655	5.48	ng	#	96
43) 2,4,6-Trichlorophenol	12.669	196	16048	4.46	ng		96
44) 2,4,5-Trichlorophenol	12.751	196	18246	4.60	ng		94
46) 1,1'-Biphenyl	13.075	154	61597	4.83	ng		99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
47) 2-Chloronaphthalene	13.110	162	50068	4.91	ng		96
48) 2-Nitroaniline	13.327	65	8622	3.36	ng		90
49) Acenaphthylene	13.963	152	76591	4.90	ng		97
50) Dimethylphthalate	13.710	163	66163	5.02	ng		99
51) 2,6-Dinitrotoluene	13.827	165	13112	4.52	ng		87
52) Acenaphthene	14.310	154	48359	4.94	ng		97
53) 3-Nitroaniline	14.163	138	9522	3.93	ng		93
55) Dibenzofuran	14.645	168	82445	4.98	ng		98
57) 2,4-Dinitrotoluene	14.622	165	15651	4.00	ng		90
58) Fluorene	15.298	166	65437	4.71	ng		97
59) 2,3,4,6-Tetrachlorophenol	14.880	232	18457	5.23	ng	#	89
60) Diethylphthalate	15.074	149	62195	4.81	ng		99
61) 4-Chlorophenyl-phenyle...	15.298	204	36404	5.18	ng		95
62) 4-Nitroaniline	15.333	138	9280m	3.66	ng		
63) Azobenzene	15.586	77	49054	3.99	ng		92
66) n-Nitrosodiphenylamine	15.510	169	55728	4.71	ng		98
67) 4-Bromophenyl-phenylether	16.192	248	21847	5.47	ng		95
68) Hexachlorobenzene	16.298	284	25406	5.59	ng		94
69) Atrazine	16.468	200	20074	4.76	ng		94
70) Pentachlorophenol	16.651	266	11699	3.96	ng		93
71) Phenanthrene	17.033	178	105871	4.81	ng		99
72) Anthracene	17.121	178	100796	4.64	ng		100
73) Carbazole	17.398	167	88843	4.36	ng		98
74) Di-n-butylphthalate	17.968	149	104031	4.71	ng	#	98
75) Fluoranthene	19.051	202	121774	4.56	ng		99
78) Pyrene	19.415	202	125015	4.76	ng		99
80) Butylbenzylphthalate	20.321	149	45418	4.62	ng		93
81) Benzo(a)anthracene	21.156	228	126237	4.67	ng		98
82) 3,3'-Dichlorobenzidine	21.103	252	38510	4.46	ng	#	98
83) Chrysene	21.209	228	127636	4.81	ng		99
84) Bis(2-ethylhexyl)phtha...	21.103	149	71443	4.53	ng		99
85) Di-n-octyl phthalate	21.962	149	124683	4.72	ng	#	95
87) Indeno(1,2,3-cd)pyrene	25.527	276	162692	4.61	ng		98
88) Benzo(b)fluoranthene	22.703	252	141055	4.74	ng		97
89) Benzo(k)fluoranthene	22.745	252	142734	4.78	ng		99
90) Benzo(a)pyrene	23.256	252	133018	4.76	ng		100
91) Dibenzo(a,h)anthracene	25.538	278	140373	4.61	ng		98
92) Benzo(g,h,i)perylene	26.191	276	136318	4.84	ng		98

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

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