Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM041621\
Data File : BM029519.D
Acq On : 16 Apr 2021 13:27
Operator : CG/JU
Sample : M1982-02
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
WC-1

Manual Integrations APPROVED
mohammad
4/19/2021 11:46:15 AM

Quant Time: Apr 16 23:17:52 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM040121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 16 11:56:50 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.669	152	3057	20.00	ng	# 0.00
21) Naphthalene-d8	10.451	136	12510	20.00	ng	# 0.00
39) Acenaphthene-d10	14.310	164	6765	20.00	ng	0.00
64) Phenanthrene-d10	17.051	188	13086	20.00	ng	# 0.00
76) Chrysene-d12	21.233	240	13399	20.00	ng	# 0.00
86) Perylene-d12	23.439	264	14504	20.00	ng	# 0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.269	112	506111	2733.51	ng	0.00
7) Phenol-d6	6.846	99	665161	2544.74	ng	0.00
23) Nitrobenzene-d5	8.822	82	477448	1749.76	ng	0.00
42) 2,4,6-Tribromophenol	15.798	330	180466	2668.94	ng	0.00
45) 2-Fluorobiphenyl	12.928	172	803601	1654.90	ng	0.00
79) Terphenyl-d14	19.686	244	1015027	1438.83	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.217	88	2027	25.19	ng	# 62
3) Pyridine	3.646	79	1525m	7.50	ng	
4) n-Nitrosodimethylamine	3.552	42	1097m	11.31	ng	
6) Aniline	7.005	93	2341	8.20	ng	# 82
8) 2-Chlorophenol	7.240	128	2488	12.14	ng	78
9) Benzaldehyde	6.822	77	2494	15.16	ng	87
10) Phenol	6.869	94	16203	63.03	ng	# 69
11) bis(2-Chloroethyl)ether	7.105	93	2913	14.97	ng	95
12) 1,3-Dichlorobenzene	7.563	146	2919	13.09	ng	95
13) 1,4-Dichlorobenzene	7.705	146	2747	12.11	ng	91
14) 1,2-Dichlorobenzene	8.022	146	2783	12.75	ng	90
15) Benzyl Alcohol	7.910	79	4381	22.73	ng	# 79
16) 2,2'-oxybis(1-Chloropr...	8.204	45	4679	16.04	ng	89
17) 2-Methylphenol	8.116	107	2638	15.75	ng	# 72
18) Hexachloroethane	8.740	117	1331	15.00	ng	# 82
19) n-Nitroso-di-n-propyla...	8.481	70	2821	15.96	ng	# 81
20) 3+4-Methylphenols	8.434	107	3355	14.78	ng	# 76
22) Acetophenone	8.487	105	4213	13.02	ng	# 66
24) Nitrobenzene	8.869	77	3913	13.97	ng	# 95
25) Isophorone	9.393	82	6265	12.83	ng	# 90
26) 2-Nitrophenol	9.569	139	1139	10.18	ng	# 52
27) 2,4-Dimethylphenol	9.634	122	2294	13.06	ng	91
28) bis(2-Chloroethoxy)met...	9.875	93	3504	13.89	ng	# 71
29) 2,4-Dichlorophenol	10.098	162	1927	9.91	ng	91
30) 1,2,4-Trichlorobenzene	10.322	180	2491	11.85	ng	# 77
31) Naphthalene	10.504	128	9566	14.51	ng	# 92
32) Benzoic acid	9.687	122	1761	13.27	ng	89
33) 4-Chloroaniline	10.616	127	1280	4.82	ng	92
34) Hexachlorobutadiene	10.787	225	1389	11.22	ng	# 57
35) Caprolactam	11.416	113	606	9.91	ng	# 26
36) 4-Chloro-3-methylphenol	11.740	107	2563	12.24	ng	# 81
37) 2-Methylnaphthalene	12.116	142	7243	15.59	ng	93
38) 1-Methylnaphthalene	12.340	142	6338	14.42	ng	# 89
40) 1,2,4,5-Tetrachloroben...	12.492	216	2215	11.67	ng	# 93
41) Hexachlorocyclopentadiene	12.475	237	2356	21.40	ng	85
43) 2,4,6-Trichlorophenol	12.739	196	1347	10.00	ng	97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.804	196	1489	10.25	ng	#	81
46) 1,1'-Biphenyl	13.145	154	7208	13.76	ng		99
47) 2-Chloronaphthalene	13.181	162	5165	12.75	ng		99
48) 2-Nitroaniline	13.387	65	2247	16.63	ng	#	78
49) Acenaphthylene	14.028	152	14074	22.27	ng		96
50) Dimethylphthalate	13.769	163	33611	68.81	ng		100
51) 2,6-Dinitrotoluene	13.886	165	1016	9.34	ng	#	27
52) Acenaphthene	14.375	154	5607	14.35	ng		96
53) 3-Nitroaniline	14.222	138	1036	9.34	ng	#	89
54) 2,4-Dinitrophenol	14.422	184	654	11.43	ng	#	49
55) Dibenzofuran	14.710	168	7933	12.95	ng	#	87
56) 4-Nitrophenol	14.533	139	1976	20.90	ng		87
57) 2,4-Dinitrotoluene	14.681	165	1522	10.57	ng	#	90
58) Fluorene	15.357	166	6988	13.91	ng	#	90
59) 2,3,4,6-Tetrachlorophenol	14.939	232	1158	10.37	ng	#	62
60) Diethylphthalate	15.139	149	7885	15.80	ng	#	91
61) 4-Chlorophenyl-phenyle...	15.357	204	2499	10.86	ng	#	79
62) 4-Nitroaniline	15.380	138	875	7.50	ng		89
63) Azobenzene	15.651	77	7695	13.40	ng		89
65) 4,6-Dinitro-2-methylph...	15.439	198	561	6.71	ng	#	15
66) n-Nitrosodiphenylamine	15.575	169	4965	11.47	ng		98
67) 4-Bromophenyl-phenylether	16.251	248	1561	12.01	ng	#	90
68) Hexachlorobenzene	16.369	284	1711	11.98	ng	#	87
69) Atrazine	16.522	200	1885	13.07	ng		94
70) Pentachlorophenol	16.704	266	1894	27.64	ng		91
71) Phenanthrene	17.092	178	34340	45.37	ng		98
72) Anthracene	17.186	178	18573	24.86	ng		97
73) Carbazole	17.457	167	11921	16.34	ng		95
74) Di-n-butylphthalate	18.027	149	13649	16.32	ng		97
75) Fluoranthene	19.110	202	120127	142.48	ng		97
78) Pyrene	19.474	202	114145	122.60	ng		99
80) Butylbenzylphthalate	20.380	149	6213	14.82	ng	#	73
81) Benzo(a)anthracene	21.215	228	67902	75.94	ng		98
82) 3,3'-Dichlorobenzidine	21.157	252	943	3.14	ng	#	77
83) Chrysene	21.268	228	72947	83.32	ng		97
84) Bis(2-ethylhexyl)phtha...	21.157	149	10072	15.62	ng		98
85) Di-n-octyl phthalate	22.027	149	13970	12.62	ng	#	75
87) Indeno(1,2,3-cd)pyrene	25.650	276	73418	68.67	ng		96
88) Benzo(b)fluoranthene	22.780	252	113768	119.44	ng		96
89) Benzo(k)fluoranthene	22.815	252	45412m	49.86	ng		
90) Benzo(a)pyrene	23.339	252	83662	96.07	ng	#	93
91) Dibenzo(a,h)anthracene	25.668	278	23653	25.77	ng		99
92) Benzo(g,h,i)perylene	26.327	276	77651	87.74	ng	#	94

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

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