Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM012121\
Data File : BM028506.D
Acq On : 22 Jan 2021 01:58
Operator : CG/JU
Sample : M1169-01MS
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : TP-DMS

Quant Time: Jan 22 03:06:13 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM012021.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 20 14:45:01 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	8.016	152	33576	20.00	ng		-0.02
21) Naphthalene-d8	10.833	136	130407	20.00	ng		#-0.02
39) Acenaphthene-d10	14.663	164	70596	20.00	ng		-0.01
64) Phenanthrene-d10	17.386	188	137043	20.00	ng		#-0.02
76) Chrysene-d12	21.515	240	130891	20.00	ng		#-0.02
86) Perylene-d12	23.797	264	135539	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.540	112	118944	55.96	ng		-0.01
7) Phenol-d6	7.175	99	154036	53.23	ng		-0.01
23) Nitrobenzene-d5	9.192	82	97829	35.58	ng		-0.02
42) 2,4,6-Tribromophenol	16.139	330	50354	53.83	ng		-0.02
45) 2-Fluorobiphenyl	13.280	172	167107	29.70	ng		-0.02
79) Terphenyl-d14	19.974	244	168411	23.23	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.322	88	31862	37.36	ng	#	68
3) Pyridine	3.752	79	92294	39.09	ng	#	53
4) n-Nitrosodimethylamine	3.657	42	54202	39.93	ng	#	61
6) Aniline	7.334	93	43475	13.86	ng		98
8) 2-Chlorophenol	7.575	128	107858	45.64	ng		96
9) Benzaldehyde	7.145	77	68314	45.36	ng		85
10) Phenol	7.204	94	125701	46.09	ng		86
11) bis(2-Chloroethyl)ether	7.434	93	96383	43.82	ng		91
12) 1,3-Dichlorobenzene	7.904	146	121254	43.48	ng	#	92
13) 1,4-Dichlorobenzene	8.051	146	122832	43.55	ng		96
14) 1,2-Dichlorobenzene	8.375	146	116162	42.94	ng		98
15) Benzyl Alcohol	8.263	79	87711	43.50	ng	#	86
16) 2,2'-oxybis(1-Chloropr...	8.551	45	154230	38.85	ng		71
17) 2-Methylphenol	8.469	107	85767	45.41	ng	#	88
18) Hexachloroethane	9.104	117	45054	42.44	ng		92
19) n-Nitroso-di-n-propyla...	8.834	70	72831	42.26	ng	#	67
20) 3+4-Methylphenols	8.798	107	114370	45.15	ng		89
22) Acetophenone	8.851	105	145774	43.12	ng	#	88
24) Nitrobenzene	9.233	77	112245	42.29	ng	#	88
25) Isophorone	9.763	82	192061	45.59	ng		96
26) 2-Nitrophenol	9.945	139	56681	47.19	ng	#	83
27) 2,4-Dimethylphenol	10.004	122	90477	51.80	ng		89
28) bis(2-Chloroethoxy)met...	10.239	93	122108	41.07	ng		99
29) 2,4-Dichlorophenol	10.480	162	94542	45.37	ng		99
30) 1,2,4-Trichlorobenzene	10.692	180	102251	41.31	ng		98
31) Naphthalene	10.886	128	321697	43.66	ng		99
32) Benzoic acid	10.157	122	67709	43.08	ng	#	84
33) 4-Chloroaniline	10.992	127	31766	10.38	ng		93
34) Hexachlorobutadiene	11.157	225	59236	40.11	ng		99
35) Caprolactam	11.798	113	28577	42.37	ng	#	58
36) 4-Chloro-3-methylphenol	12.122	107	96770	44.66	ng		93
37) 2-Methylnaphthalene	12.492	142	222241	43.76	ng		96
38) 1-Methylnaphthalene	12.710	142	208597	43.29	ng		100
40) 1,2,4,5-Tetrachloroben...	12.857	216	105229	45.19	ng		99
41) Hexachlorocyclopentadiene	12.827	237	105323	96.83	ng		100
43) 2,4,6-Trichlorophenol	13.098	196	70675	45.25	ng		95

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	13.169	196	76140	47.11	ng		98
46) 1,1'-Biphenyl	13.498	154	268143	44.51	ng		100
47) 2-Chloronaphthalene	13.539	162	209180	42.48	ng		98
48) 2-Nitroaniline	13.745	65	63786	41.32	ng		89
49) Acenaphthylene	14.386	152	329719	45.13	ng		100
50) Dimethylphthalate	14.116	163	246842	42.53	ng		100
51) 2,6-Dinitrotoluene	14.239	165	55568	45.01	ng		88
52) Acenaphthene	14.727	154	199988	44.09	ng		97
53) 3-Nitroaniline	14.563	138	29124	20.92	ng		90
54) 2,4-Dinitrophenol	14.780	184	51044	69.41	ng		88
55) Dibenzofuran	15.057	168	305167	43.74	ng		99
56) 4-Nitrophenol	14.874	139	102168	93.22	ng	#	75
57) 2,4-Dinitrotoluene	15.021	165	74687	45.41	ng		92
58) Fluorene	15.704	166	251283	43.97	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.280	232	65246	45.66	ng		95
60) Diethylphthalate	15.468	149	244000	41.41	ng		98
61) 4-Chlorophenyl-phenyle...	15.692	204	117391	41.70	ng		95
62) 4-Nitroaniline	15.727	138	54542	35.99	ng	#	78
63) Azobenzene	15.986	77	237564	42.95	ng		91
65) 4,6-Dinitro-2-methylph...	15.786	198	35421	41.60	ng		83
66) n-Nitrosodiphenylamine	15.910	169	213502	46.52	ng		97
67) 4-Bromophenyl-phenylether	16.580	248	70964	43.72	ng		96
68) Hexachlorobenzene	16.698	284	80243	42.55	ng		96
69) Atrazine	16.845	200	59159	43.49	ng		97
70) Pentachlorophenol	17.039	266	103726	100.91	ng		98
71) Phenanthrene	17.433	178	432324	51.30	ng		100
72) Anthracene	17.521	178	393046	48.28	ng		99
73) Carbazole	17.786	167	349796	45.31	ng		100
74) Di-n-butylphthalate	18.333	149	414662	44.64	ng		99
75) Fluoranthene	19.427	202	528237	55.81	ng		97
77) Benzidine	19.603	184	168841	57.36	ng		99
78) Pyrene	19.786	202	531720	56.66	ng		99
80) Butylbenzylphthalate	20.656	149	185609	44.85	ng		98
81) Benzo(a)anthracene	21.503	228	449055	49.68	ng		100
82) 3,3'-Dichlorobenzidine	21.433	252	100131	34.47	ng	#	99
83) Chrysene	21.556	228	432964	49.62	ng		100
84) Bis(2-ethylhexyl)phtha...	21.415	149	273338	46.72	ng		96
85) Di-n-octyl phthalate	22.303	149	476627	48.18	ng	#	91
87) Indeno(1,2,3-cd)pyrene	26.132	276	504302	49.94	ng	#	91
88) Benzo(b)fluoranthene	23.115	252	456740	49.64	ng	#	97
89) Benzo(k)fluoranthene	23.156	252	432927	48.19	ng	#	96
90) Benzo(a)pyrene	23.703	252	417252	48.94	ng	#	96
91) Dibenzo(a,h)anthracene	26.138	278	402719	48.20	ng	#	94
92) Benzo(g,h,i)perylene	26.850	276	422863	51.46	ng	#	91

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

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