Quantitation Report (QT Reviewed)

Data Path : Z:\svoasrv\HPCHEM1\BNA_M\Data\BM042921\
Data File : BM029698.D
Acq On : 28 Apr 2021 20:59
Operator : CG/JU
Sample : M2187-05MSD
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : TEST-PIT-IMSD

Quant Time: Apr 29 01:11:21 2021
Quant Method : Z:\svoasrv\HPCHEM1\BNA_M\Methods\8270-BM042121.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 28 17:58:02 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) 1,4-Dichlorobenzene-d4	7.610	152	60614	20.00	ng		0.00
21) Naphthalene-d8	10.386	136	210184	20.00	ng		0.00
39) Acenaphthene-d10	14.257	164	134800	20.00	ng		0.00
64) Phenanthrene-d10	17.004	188	283273	20.00	ng		0.00
76) Chrysene-d12	21.192	240	294633	20.00	ng		0.00
86) Perylene-d12	23.374	264	314259	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.210	112	426459	141.05	ng		0.00
7) Phenol-d6	6.793	99	493771	109.34	ng		0.00
23) Nitrobenzene-d5	8.763	82	378041	92.64	ng		0.00
42) 2,4,6-Tribromophenol	15.751	330	293698	157.54	ng		0.00
45) 2-Fluorobiphenyl	12.875	172	1035611	104.27	ng		0.00
79) Terphenyl-d14	19.639	244	1527612	98.30	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.152	88	50198	41.18	ng	#	29
3) Pyridine	3.563	79	87413	28.14	ng		95
4) n-Nitrosodimethylamine	3.463	42	62753	41.16	ng		85
6) Aniline	6.946	93	55512	11.18	ng		94
8) 2-Chlorophenol	7.175	128	174215	46.34	ng		94
9) Benzaldehyde	6.757	77	92873	36.17	ng		97
10) Phenol	6.816	94	177959	40.66	ng		97
11) bis(2-Chloroethyl)ether	7.045	93	146582	43.91	ng		94
12) 1,3-Dichlorobenzene	7.498	146	200094	46.19	ng		96
13) 1,4-Dichlorobenzene	7.645	146	208470	47.00	ng		98
14) 1,2-Dichlorobenzene	7.957	146	199873	45.20	ng		98
15) Benzyl Alcohol	7.857	79	145082	44.22	ng		94
16) 2,2'-oxybis(1-Chloropr...	8.140	45	155642	35.36	ng		98
17) 2-Methylphenol	8.057	107	132293	43.38	ng		95
18) Hexachloroethane	8.675	117	70918	44.27	ng		91
19) n-Nitroso-di-n-propyla...	8.416	70	121958	37.03	ng		89
20) 3+4-Methylphenols	8.387	107	177643	42.35	ng		97
22) Acetophenone	8.434	105	246337	48.88	ng	#	94
24) Nitrobenzene	8.804	77	180457	43.72	ng		95
25) Isophorone	9.328	82	314929	41.06	ng		98
26) 2-Nitrophenol	9.510	139	94913	47.84	ng		94
27) 2,4-Dimethylphenol	9.581	122	147945	53.71	ng		99
28) bis(2-Chloroethoxy)met...	9.816	93	187967	49.61	ng		98
29) 2,4-Dichlorophenol	10.045	162	181546	49.96	ng		96
30) 1,2,4-Trichlorobenzene	10.257	180	211519	50.54	ng		99
31) Naphthalene	10.439	128	516637	47.81	ng		99
32) Benzoic acid	9.728	122	83411	36.59	ng		93
33) 4-Chloroaniline	10.563	127	31143	7.31	ng		96
34) Hexachlorobutadiene	10.722	225	135955	51.02	ng		94
35) Caprolactam	11.351	113	35885	32.61	ng	#	80
36) 4-Chloro-3-methylphenol	11.692	107	159698	44.97	ng		97
37) 2-Methylnaphthalene	12.057	142	393983	45.54	ng		98
38) 1-Methylnaphthalene	12.280	142	363286	44.04	ng		100
40) 1,2,4,5-Tetrachloroben...	12.433	216	242599	60.02	ng		98
41) Hexachlorocyclopentadiene	12.410	237	260792	115.61	ng		100
43) 2,4,6-Trichlorophenol	12.680	196	156643	56.36	ng		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
44) 2,4,5-Trichlorophenol	12.757	196	168636	54.97	ng		96
46) 1,1'-Biphenyl	13.086	154	529558	53.74	ng		99
47) 2-Chloronaphthalene	13.127	162	417379	52.93	ng		98
48) 2-Nitroaniline	13.339	65	95579	43.65	ng		90
49) Acenaphthylene	13.974	152	641972	53.10	ng		99
50) Dimethylphthalate	13.722	163	547497	53.74	ng		99
51) 2,6-Dinitrotoluene	13.845	165	113125	50.44	ng	#	84
52) Acenaphthene	14.321	154	381989	50.44	ng		98
53) 3-Nitroaniline	14.174	138	41502	21.68	ng		93
54) 2,4-Dinitrophenol	14.386	184	137350	95.20	ng	#	82
55) Dibenzofuran	14.657	168	634458	49.61	ng		96
56) 4-Nitrophenol	14.492	139	152983	92.22	ng		90
57) 2,4-Dinitrotoluene	14.633	165	154752	51.09	ng		89
58) Fluorene	15.310	166	523488	48.75	ng		99
59) 2,3,4,6-Tetrachlorophenol	14.892	232	145343	53.25	ng	#	92
60) Diethylphthalate	15.092	149	477125	47.71	ng		98
61) 4-Chlorophenyl-phenyle...	15.310	204	276071	50.81	ng		97
62) 4-Nitroaniline	15.339	138	89067	40.43	ng		90
63) Azobenzene	15.598	77	397908	41.91	ng		94
65) 4,6-Dinitro-2-methylph...	15.398	198	85705	45.51	ng		95
66) n-Nitrosodiphenylamine	15.527	169	443160	50.61	ng		99
67) 4-Bromophenyl-phenylether	16.198	248	161034	54.44	ng		96
68) Hexachlorobenzene	16.315	284	182565	54.28	ng	#	93
69) Atrazine	16.480	200	166014	53.14	ng		96
70) Pentachlorophenol	16.663	266	236722	108.11	ng		96
71) Phenanthrene	17.045	178	798561	48.96	ng		99
72) Anthracene	17.139	178	813425	50.55	ng		99
73) Carbazole	17.410	167	715601	47.47	ng		99
74) Di-n-butylphthalate	17.980	149	778485	47.56	ng		99
75) Fluoranthene	19.062	202	946191	47.84	ng		98
77) Benzidine	19.256	184	174901	28.04	ng		99
78) Pyrene	19.427	202	987872	52.12	ng		99
80) Butylbenzylphthalate	20.339	149	337193	47.51	ng		89
81) Benzo(a)anthracene	21.174	228	935473	47.99	ng		99
82) 3,3'-Dichlorobenzidine	21.115	252	178939	28.74	ng	#	98
83) Chrysene	21.227	228	936839	48.91	ng		100
84) Bis(2-ethylhexyl)phtha...	21.115	149	490513	43.13	ng		100
85) Di-n-octyl phthalate	21.974	149	842963	44.17	ng		96
87) Indeno(1,2,3-cd)pyrene	25.574	276	1370969	56.42	ng		98
88) Benzo(b)fluoranthene	22.721	252	1040817	50.79	ng		98
89) Benzo(k)fluoranthene	22.762	252	956972	46.59	ng		100
90) Benzo(a)pyrene	23.280	252	987593	51.33	ng		99
91) Dibenzo(a,h)anthracene	25.580	278	1156747	55.21	ng		99
92) Benzo(g,h,i)perylene	26.238	276	1155450	59.64	ng		99

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

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